2

ಗಾಲಿಕೋಂತ

ಕರ್ನಾಟಕ ವಿಧಾನ ಪರಿಷತ್ತು

1)	ಚುಕ್ಕೆ ಗುರುತಿನ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ	956
2)	ಮಾನ್ಯ ಸದಸ್ಯರ ಹೆಸರು	ಶ್ರೀ ಪಿ.ಆರ್. ರಮೇಶ್ (ವಿಧಾನಸಭೆಯಿಂದ ಚುನಾಯಿತರಾದವರು)
3)	ಉತ್ತರಿಸಬೇಕಾದ ದಿನಾಂಕ	20–09–2021
4)	ಉತ್ತರಿಸುವವರು	ಮಾನ್ಯ ಉನ್ನತ ಶಿಕ್ಷಣ, ಐಟಿ/ಬಿಟಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ, ವಿದ್ಯುನ್ಮಾನ ಹಾಗೂ ಕೌಶಲ್ಯಾಭಿವೃದ್ಧಿ, ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಜೀವನೋಪಾಯ ಸಚಿವರು.

ಪ್ರಶ್ನೆ	ಉತ್ತರ	Answer
(ಅ) ಕಳೆದ ಮೂರು ವರ್ಷಗಳಿಂದ ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ (GTTC) ರಾಜಾಜಿನಗರ, ಬೆಂಗಳೂರು ಇವರ ಸಂಸ್ಥೆಯಲ್ಲಿ CNC ಮತ್ತು ಇತರೆ ಉಪಕರಣಗಳನ್ನು ಖರೀದಿ ಮಾಡಲಾಗಿದೆಯೇ; (ಖರೀದಿ ವಿವರ, ಮೊತ್ತ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಖರೀದ ಆದೇಶ ಪ್ರತಿಗಳನ್ನು ಒದಗಿಸುವುದು)	ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ., ಐ.ಟಿ.ಐ., ಡಿಪ್ಲೋಮಾ ಮತ್ತು ಬಿ.ಇ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಿವಿಧ ಕೌಶಲ್ಯ ತರಬೇತಿಗಳನ್ನು ನೀಢಲು ಸಾಂಪ್ರದಾಯಿಕ ಮತ್ತು ಸಿ.ಎನ್.ಸಿ ಯಂತ್ರಗಳನ್ನು ಖರೀದಿಸಲಾಗಿದೆ. 2018–19, 2019–20, 2020–21 ರ ಕಳೆದ ಮೂರು ವರ್ಷಗಳ ಅವಧಿಯಲ್ಲಿ ಖರೀದಿಸಿದ ವಿವರಗಳನ್ನು **ಅನುಬಂಧ–1** ರಲ್ಲಿ ವಿವರಿಸಿದೆ. ಖರೀದಿ ಆದೇಶದ ಪ್ರತಿಗಳನ್ನು **ಅನುಬಂಧ–ಎ** ರಲ್ಲಿ ವಿವರಿಸಿದೆ.	Conventional and CNC Machines procured to conduct various skill training programme to SSLC,ITI, Diploma, BE students. The Purchase Orders details of last 3 years 2018-19, 2019-20, 2020-21 are enclosed Annexure-1. The copies of the purchase orders are placed in Annexure-A
(ಆ) ಸದರಿ ಉಪಕರಣಗಳ ಖರೀದಿಗೆ ಸಂಬಂಧಪಟ್ಟಂತೆ, ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ (GTTC) ರಾಜಾಜಿನಗರ, ಸಂಸ್ಥೆಯಿಂದ ಹೊರಡಿಸಲ್ಪಟ್ಟ ಎಲ್ಲಾ ಟೆಂಡರ್ ಅಧಿಸೂಚನೆ ಟೆಂಡರ್ ಡಾಕ್ಯುಮೆಂಟ್, ಟೆಂಡರ್ ನಿಯಮಾವಳಿಗಳು, ಮತ್ತು ಟೆಂಡರ್‌ನಲ್ಲಿ ಭಾಗವಹಿಸಿರುವ ಸಂಸ್ಥೆಗಳಾವುವು ಸಂಸ್ಥೆಗಳ ವಿವರ ಮತ್ತು ಭಾಗವಹಿಸಿರುವ ಸಂಸ್ಥೆಗಳು ಟೆಂಡರ್ ಡಾಕ್ಯುಮೆಂಟ್‌ನಲ್ಲಿರುವ ನಿಯಮಾವಳಿಗಳಿಗೆ ಬದ್ಧವಾಗಿರುವ ವಿವರದ ಪಟ್ಟಿಯನ್ನು ಒದಗಿಸುವುದು)	ಟೆಂಡರ್ ಡಾಕ್ಯುಮೆಂಟ್ ಪ್ರತಿಗಳನ್ನು **ಅನುಬಂಧ–2** ರಲ್ಲಿ ವಿವರಿಸಿದೆ. ಟೆಂಡರ್‌ಗೆ ಸಂಬಂಧಪಟ್ಟ ಅರ್ಹತಾ ಮಾನದಂಡಗಳ ವಿವರಗಳನ್ನು **ಅನುಬಂಧ–ಬಿ** ನಲ್ಲಿ ವಿವರಿಸಿದೆ.	The tender documents are enclosed in Annexure-2. The tender details and qualification criteria are enclosed in Annexure-B

(ಇ) ಸದರಿ ಉಪಕರಣಗಳ ಖರೀದಿಯಲ್ಲಿ ಕೆಟಿಪಿಪಿ ನಿಯಮಗಳನ್ನು ಪಾಲನೆ ಮಾಡಲಾಗಿದೆಯೇ ಮಾಡಿದ್ದಲ್ಲಿ, ಸಂಪೂರ್ಣ ವಿವರಗಳನ್ನು ನೀಡುವುದು, ಮತ್ತು ಸದರಿ ಖರೀದಿಗಳಲ್ಲಿ ಟೆಂಡರ್ ಬಿಡ್‌ದಾರರ ಪೂರ್ವ ಅರ್ಹತಾ ಸಾಮಾರ್ಥ್ಯ (Pre Qualification) ಅಂದರೆ ಉಪಕರಣಗಳಿಗೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ತಾಂತ್ರಿಕ, ಉತ್ಪಾದನಾ ಸಾಮಾರ್ಥ್ಯ, ಇತರೆ ಅಗತ್ಯ ಸಾಮಾರ್ಥ್ಯಗಳನ್ನು ಸೂಕ್ತವಾಗಿ ಪರಿಶೀಲನೆ/ತಪಾಸಣೆ ಮಾಡಲಾಗಿದೆಯೇ; (ವಿವರ ನೀಡುವುದು)	ಜಿಟಿಟಿಸಿ ಕರೆದಿರುವ ಟೆಂಡರ್‌ಗಳನ್ನು ಕೆಟಿಪಿಪಿ ನಿಯಮಾನುಸಾರ Two Cover System ಪಾಲಿಸಿದ್ದು, Estimate ತಯಾರಿಸಿ Pre-Bid Meeting ಕರೆದು ಬಿಡ್‌ದಾರರ ಉತ್ಪಾದನಾ ಸಾಮರ್ಥ್ಯ ಅಳೆಯಲು ಅವರ ಕಳೆದ 3 ವರ್ಷಗಳ ಆರ್ಥಿಕ ವಹಿವಾಟು ಬಿಡ್‌ನಲ್ಲಿ ಕರೆದಿರುವ ಉಪಕರಣಗಳ ಸರಬರಾಜು ಕುರಿತು ದಾಖಲೆಗಳನ್ನು ಪಡೆದು Technical Bidನ್ನು ತಾಂತ್ರಿಕ ತಜ್ಞರ ಸಮಿತಿಯಿಂದ ಪರಿಶೀಲಿಸಿ, ಹೊಸ ಬಿಡ್‌ದಾರರಿದ್ದರೆ ಅವರ ಉತ್ಪಾದನಾ ಸಾಮರ್ಥ್ಯವನ್ನು ಅಳೆಯಲು ತಾಂತ್ರಿಕ ತಂಡವನ್ನು ಕಳುಹಿಸಿ Technical Bid Scrutiny Committeeಯ ಅನುಮೋದನೆಯೊಂದಿಗೆ Financial Bid ತೆರೆದು Lowest Bidನ ಬಿಡ್ ಮೊತ್ತ ಟೆಂಡರ್ ಅಂದಾಜಿನ ಪ್ರಕಾರ ಇದೆಯೇ ಎಂದು ಖಚಿತ ಪಡಿಸಿಕೊಂಡೇ ಕಾರ್ಯಾದೇಶ ನೀಡಲಾಗಿರುತ್ತದೆ. ಮುಂದುವರೆದು, ಸಿ.ಎನ್.ಸಿ ಯಂತ್ರೋಪಕರಣಗಳ ಸರಬರಾಜಿನ ಮುಂಚೆ ಯಂತ್ರೋಪಕರಣಗಳು ಟೆಂಡರ್ Specification ಪ್ರಕಾರ ಇದೆಯೇ ಎಂದು ಖಚಿತಪಡಿಸಿಕೊಳ್ಳಲು Pre-Despatch Inspectionನ್ನು ತಾಂತ್ರಿಕ ತಂಡದಿಂದ ಕೈಗೊಂಡ ನಂತರವೇ ಯಂತ್ರೋಪಕರಣಗಳ ಡೆಲಿವರಿ ಪಡೆಯಲಾಗಿರುತ್ತದೆ. ಕಳೆದ 3 ವರ್ಷಗಳಲ್ಲಿ ಜಿಟಿಟಿಸಿ ಕರೆದಿರುವ ಬಿಡ್‌ದಾರರ ವಿವರಗಳು &qualification criteria ಗಳನ್ನು ಅನುಬಂಧ–ಬಿ ನಲ್ಲಿ ನೀಡಲಾಗಿದೆ.	GTTC has called tenders as per 'Two Cover' system of KTPP Act. Estimates were prepared, Pre-Bid Meetings held as per the KTPP. The Bidders capabilities are verified based on the last 3 years financial turnover and value of similar machinery&equipments supplied in the last 3 years as per KTPP Act.In case of a new bidder, A Technical Committee will visit the premises of the bidder to verify the Technical Capabilities of the bidder. After obtaining the approval form the Technical Bid Scrutiny Committee the Financial Bids are opened. The lowest bid offered is verified with the tender estimate and purchase orders issued. Further, before delivery of CNC Machines technical committee will carry out Pre-Despatch Inspection to confirm whether machine is as per tender specification. During the last 3 years tenders called by GTTC, Bidders details and qualification criteria details are enclosed in Annexure-B.

(ಈ) ಹೊಸ ಉಪಕರಣಗಳ ಖರೀದಿಯಿಂದ ಸಂಸ್ಥೆಯಲ್ಲಿ ಹಳೆಯ ಉಪಕರಣಗಳ ಕುರಿತಂತೆ ಸರ್ಕಾರದ ನಿಲುವೇನು? (ವಿವರ ನೀಡುವುದು)	ಪ್ರಸ್ತುತ ಕರ್ನಾಟಕದಲ್ಲಿ 28 ಜಿಟಿಟಿಸಿ ಕೇಂದ್ರಗಳು ಇದ್ದು, ಕಳೆದ 3 ವರ್ಷಗಳಲ್ಲಿ ಹೆಚ್ಚುವರಿಯಾಗಿ 6 ನೂತನ ಕೇಂದ್ರಗಳನ್ನು ಉಡುಪಿ, ಗೋಕಾಕ, ಚಿತ್ರದುರ್ಗ, ಚಳ್ಳಕೆರೆ, ಕೊಪ್ಪಳ ಮತ್ತು ಯಾದಗಿರಿಯಲ್ಲಿ ತೆರೆಯಲಾಗಿದೆ. ಎಐಸಿಟಿಇ ನಿಯಮಗಳ ಪ್ರಕಾರ ಡಿಪ್ಲೋಮಾ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಧೀರ್ಘಾವಧಿ ತರಬೇತಿ ನೀಡಲು ಹಾಗೂ ಪ್ರತಿ ವರ್ಷ ITI, Diploma & BE ವಿದ್ಯಾರ್ಹತೆ ಹೊಂದಿರುವ 5000 ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅಲ್ಪಾವಧಿ ಕೌಶಲ್ಯ ತರಬೇತಿಗಳನ್ನು ನೀಡಲು ಯಂತ್ರೋಪಕರಣಗಳ ಅವಶ್ಯಕತೆಯಿತ್ತು. ಅಲ್ಲದೇ ಬೆಂಗಳೂರಿನಲ್ಲಿರುವ ಜಿಟಿಟಿಸಿ ಉತ್ಪಾದನಾ ಘಟಕದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಯಂತ್ರಗಳು 20 ವರ್ಷಗಳಷ್ಟು ಹಳೆಯದಾಗಿದ್ದು, ಉನ್ನತೀಕರಣದ ಅಗತ್ಯತೆ ಇತ್ತು. ಮುಂದುವರೆದು ಹಲವಾರು ಹೊಸ ಉದ್ಯಮ-ಸಿದ್ಧ ಅಲ್ಪಾವಧಿ ಕೌಶಲ್ಯ ತರಬೇತಿಗಳನ್ನು ಆರಂಭಿಸಲಾಗಿದೆ. ಈ ಕಾರಣಗಳಿಂದಾಗಿ ಜಿಟಿಟಿಸಿ ಯಂತ್ರೋಪಕರಣಗಳ ತೀವ್ರ ಅಭಾವವನ್ನು ಎದುರಿಸುತಿತ್ತು. ಅಗತ್ಯವಿರುವ ಯಂತ್ರೋಪಕರಣಗಳ ಅತೀವ ಅಭಾವವನ್ನು ನೀಗಿಸುವ ಉದ್ದೇಶದಿಂದ ಹೊಸ ಯಂತ್ರೋಪಕರಣಗಳನ್ನು ಖರೀದಿ ಮಾಡಲಾಗಿದೆ. ಇದರೊಂದಿಗೆ ಹಳೆಯ ಯಂತ್ರೋಪಕರಣಗಳೂ ಸಹ ಬಳಕೆಯಲ್ಲಿರುತ್ತವೆ.	Presently, there are 28 GTTC Centres across Karnataka. In the last 3 years Six additional new Centres have been opened at Udupi, Gokak, Chitradurga, Challakere, Koppal& Yadagir. There is acute shortage of machinery & equipments to train Diploma students as per AICTE norms. GTTC also trains 5000 students of ITI, Diploma & BE background every year under short term courses. The manufacturing unit of GTTC at Bengluru required upgradation as existing machines are more than 20 years old. Further, several new industry-ready short-term courses have commenced. GTTC is facing acute shortage of machines & equipments due to this. Further, the existing machines are continuing to be used.

ಸಂಖ್ಯೆ: ಕೌಉಜೀಇ 56 ಉಜೀಪ್ರ 2021

(ಡಾ॥ ಸಿ.ಎನ್. ಅಶ್ವಥ್‌ನಾರಾಯಣ)
ಉನ್ನತ ಶಿಕ್ಷಣ, ಐಟಿ/ಬಿಟಿ, ವಿಜ್ಞಾನ ಮತ್ತು
ತಂತ್ರಜ್ಞಾನ, ವಿದ್ಯುನ್ಮಾನ ಹಾಗೂ
ಕೌಶಲ್ಯಾಭಿವೃದ್ಧಿ, ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಜೀವನೋಪಾಯ ಇಲಾಖಾ ಸಚಿವರು.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF VERTICAL MILLING MACHINE (WITH DRO ATTACHMNET)

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD- 190/2018-19, DT.23.02.2019)

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION: 25.03.2019 AT 14.00 HRS.

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50, 000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)

  EMD Full amount may also be paid by any one of the means as mentioned above.
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, whereever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Vertical Milling Machine with DRO)***, as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***fund available with Government Tool Room & Training Centre.***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD- 190/2018-19

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre –***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
1	Vertical Milling Machine (With DRO attachment)	02 Nos.	50,000.00

Method of EMD payment:-

A Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

VERTICAL MILLING MACHINE (WITH DRO ATTACHMENT)	
	Qty.02 Nos.
Specification	
Table size	1500~1550mm x 300~350mm
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 850mm
Transverse Auto	Up to 250mm
Manual	Up to 280mm
Vertical Auto	Up to 400mm
Manual	Up to 430mm
Rapid Traverse	
Longitudinal	~ 4000 mm / min
Transverse	~ 4000 mm / min
Vertical	~ 1000 mm / min
Spindle	
Speed range / steps	40-2000 / 10 -16
Taper	ISO40 / BT40
No. of feeds	18
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Vertical	5-200mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
2. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
3. Double nut lead screw to eliminate back lash	
4. Motor shaft end should be supported by a bearing for prolonged machine life	
5. Rapid feed for all the three axes should be available	
6. Centralised lubrication system	
7. Coolant tank with motorised pump	
8. Machine lamp with bulb	
9. Mechanical Linear scale for X, Y, Z axis	

10 Machine manual, Electrical circuit drawings, spares required for 1 year
11 First fill of lubricants
12 Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
13 Squarenes of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
Standard Accessories:
1. Collet adaptor- Short & long
2. Collets from 4mm-20mm in steps of 1mm
3. Machine vice with out Swivel base, jaw opening upto 200mm
4. Standard tool kit
5. Test mandrel
6. Shell end mill adaptor - short & long

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE GOKAK, KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical tolerance shall be as per IS standards or any International standards. Test Charts shall be provided.

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in “the currencies of payment of the Contract, in accordance with their portions of the Contract Price”
SCC 17.4	Discharge of the Performance Security shall take place: As per SCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: *GTTC, Respective centres in Karnataka, India*
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF VERTICAL MILLING MACHINE (WITH DRO)

GTTC/MCD/TENDER/GOKAK/BD-190/ 2018-19, DT.23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Particulars	Quantity	EMD
01	Vertical Milling Machine (with DRO attachment) For GTTC Gokak centre in Karnataka	02 Nos.	Rs 50,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt. 25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt.27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid 1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption 2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;
(b) Bid Security in accordance to ITB Clauses 21;
(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;
(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;
(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;
(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes). 13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening 27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality 28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids 29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids 30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and 31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency

34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**

35 Domestic Preference

35.1 Domestic preference shall not be a factor in bid evaluation.

36 Evaluation of Bids

36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted.

36.3 To evaluate a Bid, the Purchaser shall consider the following:

(a) The Bid Price as quoted;

(b) Price adjustment for correction of arithmetic errors;

(c) Price adjustment due to discounts offered;

(d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria;

36.4 The Purchaser's evaluation of a bid will exclude and not take into account:

(a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;

(b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;

(c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.

37 Comparison of Bids

37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35

38 Post qualification of the Bidder

38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily.
38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier****]***, a corporation incorporated under the laws of *[insert: country of Supplier****]*** and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)****]*** (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

---

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

5.4 Throughout these Bidding Documents:

(d) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, “singular” means “plural” and vice versa; and

(f) “Day” means calendar day.

(g) The terms “Bid” & “Tender” means same

GOVERNMENT TOOL ROOM & TRAINING CENTER.
BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

Bid Ref No : GTTC/MCD/TENDER/GOKAK/BD-190/2018-19, 23.02.2019

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	
	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF VERTICAL MILLING MACHINE (WITHOUT DRO ATTACHMENT)

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD- 191/2018-19, DT.23.02.2019)

BIDDING DOCUMENT

February - 2019

LAST DATE FOR SUBMISSION : 25.03.2019 AT 14.00 HRS.

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.

  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)

  EMD Full amount may also be paid by any one of the means as mentioned above.
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Vertical Milling Machine Without DRO)***, as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.

2. Sources of Funds	***Fund available with Government Tool Room & Training Centre***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-191/2018-19, 23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date: 25.03.2019 Time: 14.00 Hrs.
ITB 26.1	The technical bid opening shall take place electronically: On Date:27.03.2019 Time: 15.00 Hrs.

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
2	Vertical Milling Machine (with out DRO) for GTTC GOKAK Karnataka	04 Nos.	1,00,000.00

Method of EMD payment:-

A Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

B. Rs. 50,000.00 in the form of a Bank Guarantee form any scheduled bank.

Note : EMD full amount may also be paid by any one of the mean as mentioned in Sub A

GTTC/MCD/TENDER/GOKAK/BD-191/2018-19, 23.02.2019

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

VERTICAL MILLING MACHINE (WITHOUT DRO)	
	Qty 04 Nos.
Specification	
Table size	1500~1550mm x 300~350mm
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 850mm
Transverse Auto	Up to 250mm
Manual	Up to 280mm
Vertical Auto	Up to 400mm
Manual	Up to 430mm
Rapid Traverse	
Longitudinal	~ 4000 mm / min
Transverse	~ 4000 mm / min
Vertical	~ 1000 mm / min
Spindle	
Speed range / steps	40-2000 / 10 -16
Taper	ISO40 / BT40
No. of feeds	18
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Vertical	5-200mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standard.	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	

2. Optimum spacing of precision roller bearings to ensure vibration free cutting.
3. Double nut lead screw to eliminate back lash
4. Motor shaft end should be supported by a bearing for prolonged machine life
5. Rapid feed for all the three axes should be available
6. Centralised lubrication system
7. Coolant tank with motorised pump
8. Machine lamp with bulb
9. Mechanical Linear scale for X, Y, Z axis
10 Machine manual, Electrical circuit drawings, spares required for 1 year
11 First fill of lubricants
12 Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
Standard Accessories:
2. Collet adaptor- Short & long
3. Collets from 4mm-20mm in steps of 1mm
4. Machine vice with out Swivel base, jaw opening upto 200mm
5. Standard tool kit
6. Test mandrel
7. Shell end mill adaptor - short & long

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

SCC 11.2	All General, Dimensional & Geometrical tolerance shall be as per IS standards or any International standards. Test charts shall be provided

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on

	Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.
SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place: As per SCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF VERTICAL MILLING MACHINE (WITHOUT DRO)

GTTC/MCD/TENDER/GOKAK/BD-191/2018-19, 23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Particulars	Quantity	EMD
01	Vertical Milling Machine (with out DRO)	04 Nos.	1,00,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02. 2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt.25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

	other local services required to convey the Goods from the named place of destination to their final destination as specified.
	(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).
	13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)

17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.

18 Documents Establishing the Qualifications of the Bidder

18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

(a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;

(b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and

(c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.

19 Period of Validity of Bids

19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive.

19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below;

19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening	27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality	28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award. 28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid. 28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
29 Clarification of Bids	29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.
30 Responsiveness of Bids	30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself. 30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that: (a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or (c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids. 30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
31 Nonconformities, Errors, and	31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency

34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**

35 Domestic Preference

35.1 Domestic preference shall not be a factor in bid evaluation.

36 Evaluation of Bids

36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted.

36.3 To evaluate a Bid, the Purchaser shall consider the following:

(a) The Bid Price as quoted;

(b) Price adjustment for correction of arithmetic errors;

(c) Price adjustment due to discounts offered;

(d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria;

36.4 The Purchaser's evaluation of a bid will exclude and not take into account:

(a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;

(b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;

(c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.

37 Comparison of Bids

37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35

38 Post qualification of the Bidder

38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily.

38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer’s authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form “ Price and Completion Schedule – Related Services” shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier’s Bid and original Price Schedules

   (f) The Purchaser’s Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s*[1]*) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GOVERNMENT TOOL ROOM & TRAINING CENTER.
BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

Bid Ref No : GTTC/MCD/TENDER/GOKAK/BD-191/2018-19, 23.02.2019

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	
	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF TOOL ROOM PRECISION LATHE

(Bid Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-192/2018-19, DT. 23.02.2019)

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION: 25.03.2019 AT 14.00 HRS.

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.

  EMD up to Rs.50,000/- to be paid through any one of the means as mentioned below.

  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)

  Note:-Full amount may also be paid by any one of the means as mentioned above.

- If the EMD exceeds this amount, it is to be paid by way of split EMD. The excess amount may be paid through bank guarantee in favour of Managing Director, Govt. Tool Room & Training Centre Rajajinagar Industrial Estate issued by any scheduled bank.
- In addition to the EMD, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, whereever applicable, is to be uploaded along with the technical bid offer. The original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical bid opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents such as catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering. Visit websites: https://eproc.karntataka.gov.in get the tender applications form through home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs**.**
- Opening of Technical Bid:27.03. 2019 at 15.00Hrs**.** (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Tool Room Precision Lathe*** as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***Fund available with Government Tool Room & Training Centre***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-192/2018-19

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre Gokak***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: Up to **14.00 Hrs.**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: At 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl. No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Tool Room Precision Lathe Delivery at GTTC Gokak . Karnataka	16 Nos.	Rs.2,00,000.00

Mode of EMD payment:-

Sub. A. Rs.50,000 /- by cash, through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).
4) Over the Counter (OTC) (Axis Bank).

Sub. B. Rs. 1,50,000/- in the form of Bank Guarantee from any scheduled bank.

Note: EMD Full amount may also be paid by any one of the means as mentioned in **Sub A**.

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

QTY. 16 Nos.

TOOL ROOM PRECISION LATHE	
Distance between centres	500mm – 600mm
Swing over bed	270mm – 300mm
Swing over carriage	125 mm
TAIL STOCK	
Internal Spindle taper	MT3
Spindle stroke	120mm
Spindle Ø	38mm
SPINDLE	
Motor Power	2.25 kw / 3hp (approx.)
Spindle Speed	50 - 1600 rpm (approx)
No. of steps	8 or 12
Spindle bore	38mm
Max. Thru bore	38mm
Features:	
1. All General, Dimensional & Geometrical tolerance shall be as per IS standards or any international standards.	
2. Enclose Test charts which has been followed (BIS / JIS / ISO or any reputed standards).	
3. Spindle run out ≤ 10µ	
4. Should have machine lamp	
5. Should be provided with coolant system	
6**.** leg brake to be provided	
7. Power transmission through Gears	
8. Should have collet attachment	
Accessories:	
1. 3 jaw chuck - Ø 150 / 160 mm (SECO / TURNO / UNNAT Make)	
2. 4 jaw independent chuck Ø 200mm	
3. Follower rest & Steady rest with Bronze jaws	
4. Manual draw bar with plastic star knob for retraction	
5. 60° Male centre Hardened steel	
6. MT3 Revolving centre	
7. Collet chuck with collets - in steps of 0.5mm, from 4mm - 12mm	
8. Face plate – Ø 200mm	
9. Tool Kit	
10. Lathe carrier	
11. Taper Turning attachment (optional)	
12. Quick change Tool Post (optional)	
13. DRO (optional)	

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE Gokak– KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to SCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All general, Dimensional & Geometrical tolerance shall be as per IS standard or any International standard.

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii)**Balance:** Twenty (20) percent with in 30 days after installation, Commissioning & acceptance certification from the user end.
SCC 15.5	In case of delayed payment from the Purchaser, the supplier will be paid interest at the rate of 1% per month for a maximum delay period of 60 days.
SCC 17.1	A Performance Security to be furnished for 10% of the value of the contract price.

SCC 17.3	The Performance Security can be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place as per GCC 17.4 & GCC 27
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC Centre***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF TOOL ROOM PRECISION LATHE

GTTC/MCD/TENDER/GOKAK/BD-192/2018-19, Date: 22.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Particulars	Quantity	EMD
01	Tool Room Precision Lathe for GTTC GOKAK Centre, Karnataka	16 Nos.	Rs. 2,00,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +9180-23010900/01.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt. 25.03.2019, Up to 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.**27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS
FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;
(b) Bid Security in accordance to ITB Clauses 21;
(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;
(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;
(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;
(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes). 13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

---

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

5.4 Throughout these Bidding Documents:

(d) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, “singular” means “plural” and vice versa; and

(f) “Day” means calendar day.

(g) The terms “Bid” & “Tender” means same

Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-192/2018-19, 23.02.2019

(To be uploaded with Technical bid - I stage)

1. List of Goods and Delivery Schedule						
Line Item No.	**Description of Goods**	**Quantity**	**Physical unit**	**Final Destination as specified in BDS**	**Delivery Date**	
					Latest Delivery Date	**Offered Delivery date**
1	Tool Room Precision Lathe	16	Nos.	GTTC GOKAK Centre in karnataka	90 days	

Note: The delivery date will be effective from the date of Purchase order.

2. List of Related Services and Completion Schedule						
Service	**Description of Service**	**Quantity**	**Physical Unit**	**Place where Services shall be performed**	**Final Completion Date(s) for Services**	**Offered Completion Date for Services**
1	Tool Room Precision Lathe	16	Nos.	GTTC GOKAK Centre in karnataka	90 days	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF SURFACE GRINDING MACHINE

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION :25.03.2019 AT 14.00 HRS

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
  - (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in / https://www.karunadu.gov.in/gttc go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Surface grinding machine*** as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***fund available with Government Tool Room & Training Centre for all***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Surface Grinding Machine For GTTC Gokak centre	02Nos.	50,000.00

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(j)	The Purchaser's country is: INDIA
GCC 1.1(k)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
GCC 1.1 (q)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
GCC 4.2 (b)	The version edition of Inco terms 2000
GCC 5.1	The language shall be: ENGLISH
GCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* gttcb@dataone.in
GCC 9.1	The governing law shall be the law of: INDIA
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
GCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC	All General, Dimensional & Geometrical tolerance shall be as per IS standard or any International standard.

GCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
GCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

GCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
GCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
GCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
GCC 17.4	Discharge of the Performance Security shall take place: As per GCC 17.4
GCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
GCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
GCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
GCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
GCC 26.1	The liquidated damage shall be: 1% per week
GCC 26.1	The maximum amount of liquidated damages shall be: 5%
GCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF SURFACE GRINDING MACHINE

GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

SL. No.	Particulars	Quantity	EMD
01	SURFACE GRINDING MACHINE for GOKAK GTTC Centre	02Nos.	Rs.50,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt.25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF SURFACE GRINDING MACHINE

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-193/2018-19,
Dated:23.02.2019

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION :25.03.2019 AT 14.00 HRS

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in / https://www.karunadu.gov.in/gttc go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Surface grinding machine*** as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***fund available with Government Tool Room & Training Centre for all***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Surface Grinding Machine For GTTC Gokak centre	02Nos.	50,000.00

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(j)	The Purchaser's country is: INDIA
GCC 1.1(k)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
GCC 1.1 (q)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
GCC 4.2 (b)	The version edition of Inco terms 2000
GCC 5.1	The language shall be: ENGLISH
GCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* gttcb@dataone.in
GCC 9.1	The governing law shall be the law of: INDIA
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
GCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC	All General, Dimensional & Geometrical tolerance shall be as per IS standard or any International standard.

GCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
GCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

GCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
GCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
GCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
GCC 17.4	Discharge of the Performance Security shall take place: As per GCC 17.4
GCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
GCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
GCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
GCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
GCC 26.1	The liquidated damage shall be: 1% per week
GCC 26.1	The maximum amount of liquidated damages shall be: 5%
GCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF SURFACE GRINDING MACHINE

GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

SL. No.	Particulars	Quantity	EMD
01	SURFACE GRINDING MACHINE for GOKAK GTTC Centre	02Nos.	Rs.50,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt.25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid 1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption 2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:
   (i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
   (ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and
   (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.
   (iv) For Goods manufactured outside the Purchaser's Country, to be imported:
   (i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.
   (ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:
   (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
   (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
   (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
   (iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
   (v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening	27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
- (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on _____________ day of ___________________, ________

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier’s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability	29.1	Except in cases of criminal negligence or willful misconduct, (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement
30. Change in Laws and Regulations	30.1	Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.
31. Force Majeure	31.1	The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
	31.2	For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
	31.3	If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments	32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following: (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser; (b) The method of shipment or packing; (c) The place of delivery; and (d) The Related Services to be provided by the Supplier.
	32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
	32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
	32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
33. Extensions of Time	33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.
	33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

(To be uploaded with Technical bid - I stage)

1. List of Goods and Delivery Schedule

Line Item No.	Description of Goods	Quantity	Physical unit	Final Destination as specified in BDS	Delivery Date	
					Latest Delivery Date	Offered Delivery date
1	Surface Grinding Machine	2	nos.		90 days	

Note: The delivery date will be effective from the date of Purchase order.

2. List of Related Services and Completion Schedule

Service	Description of Service	Quantity	Physical Unit	Place where Services shall be performed	Final Completion Date(s) for Services	Offered Completion Date for Services
2	Surface Grinding Machine	2	Nos.	Refer Bid Document	90 days	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF CYLINDRICAL GRINDING MACHINE
(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-194/2018-19,
Dated:23.02.2019

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION : 25.03.2019 AT 14.00 HRS.

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)
  Full amount may also be paid by any one of the means as mentioned above.
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Cylindrical Grinding Machine***, as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***fund available with Government Tool Room & Training Centre***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-194/2018-19, Dated:23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids

ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs.**
ITB 26.1	The technical bid opening shall take place electronically: **On Date:27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl. No.	Description	Quantity	EMD in Rupees
01	Cylindrical Grinding Machines For GTTC GOKAK in Karnataka	01 no.	Rs. 25,000.00

Method of EMD payment:-

A. Rs. 25,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

CYLINDRICAL GRINDING MACHINE, QTY. - 01no.

Specification	
Capacity	
Table travel (Max.)	400 ~ 450mm
Distance between centres	450 ~ 500mm
Centre height	120-150mm
Table	
Min. auto travel	2mm
Table speed	0.1-5m / min.
Max. swivel of top table	30º
Wheel head	
Wheel size	300 x 40 x 127mm
Peripheral speed	30-33m / sec
Motor power	2.2kw
Swivel range	0-15-30º
In feed system	
Initial positioning	150 ~ 200mm
Rapid approach	40mm
In feed with hand wheel	20mm
Min. incremental feed on dia.	1µ
Max. plunge depth in auto	1.7mm
Coarse feed rate	0.015-6mm / min.
Fine feed rate	0.015-3mm / min.
Tail stock	
Quill travel	20mm
Quill taper	MT3
Internal grinding head	
Spindle housing bore dia.	80mm
Max. spindle speed	18000 rpm
Std. spindle	Dia 80 x 250mm
Standard machine should include following Features:	

1. All General & Geometrical tolerances shall be as per IS standards / International standards.
2. Automatic grinding cycles including rapid approach, coarse, fine, spark off & retraction with PLC controller of reputed make.
3. Hydraulic table travel on V & Flat guide ways with continuous lubrication.
4. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
5. Machine manual, Electrical circuit drawings, spares required for 1 year
6. First fill of lubricants
7. Fully ribbed high grade cast iron body construction.
Standard accessories:
1. Complete coolant tank with motor & pump
2. Complete hydraulic equipment including motor, pump, valve & tank
3. Wheel balancing mandrel
4. Set of service tools, belt sets
5. Table mounted wheel dresser
6. Carbide center for work head & tailstock
7. lubricating oil for wheel & work head spindle
8. Internal grinding spindle dia. 80 X 250mm (18000rpm)
9. live spindle draw bar
10. Electrical equipment suitable for 415V & 50Hz cycle
11. Grinding wheel with adaptor
12. 3 jaw & 4 jaw self centring chuck
13. Dia 250 Magnetic chuck
14. Collet attachment with collets and draw bar

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical tolerance shall be as per IS standards or any International standards.

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place: As per SCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF CYLINDRICAL GRINDING MACHINE

GTTC/MCD/TENDER/GOKAK/BD-193/2018-19, Dated:23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

	Particulars	Quantity	EMD
01	Cylindrical Grinding Machine For GTTC GOKAK centre	01 No.	Rs. 25,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt.25.03.2019, 14.00 **Hrs**. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after **15.00 Hrs**.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;
(b) Bid Security in accordance to ITB Clauses 21;
(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;
(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;
(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;
(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

	other local services required to convey the Goods from the named place of destination to their final destination as specified.
	(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).
	13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country
	14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier****]***, a corporation incorporated under the laws of *[insert: country of Supplier****]*** and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)****]*** (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

---

1 *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

5.4 Throughout these Bidding Documents:

(d) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, “singular” means “plural” and vice versa; and

(f) “Day” means calendar day.

(g) The terms “Bid” & “Tender” means same

GTTC/MCD/TENDER/GOKAK/BD-194/2018-19, Dated:23.02.2019			
CYLINDRICAL GRINDING MACHINE			
(Should be uploaded along with the Technical bid)			
Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:	**01 No.**	**Delivery Offered:**	
Specification		**Acceptance of required Specification**	**If 'Not Accepted' alternate specification**
Capacity			
Table travel (Max.)	400 ~ 450mm	ACCEPTED	
Distance between centres	450 ~ 500mm	ACCEPTED	
Centre height	120-150mm	ACCEPTED	
Table			
Min. auto travel	2mm	ACCEPTED	
Table speed	0.1-5m / min.	ACCEPTED	
Max. swivel of top table	30º	ACCEPTED	
Wheel head			
Wheel size	300 x 40 x 127mm	ACCEPTED	
Peripheral speed	30-33m / sec	ACCEPTED	
Motor power	2.2kw	ACCEPTED	
Swivel range	0-15-30º	ACCEPTED	
In feed system			
Initial positioning	150 ~ 200mm	ACCEPTED	
Rapid approach	40mm	ACCEPTED	
In feed with hand wheel	20mm	ACCEPTED	
Min. incremental feed on dia.	1µ	ACCEPTED	
Max. plunge depth in auto	1.7mm	ACCEPTED	
Coarse feed rate	0.015-6mm / min.	ACCEPTED	
Fine feed rate	0.015-3mm / min.	ACCEPTED	
Tail stock			
Quill travel	20mm	ACCEPTED	
Quill taper	MT3	ACCEPTED	
Internal grinding head			
Spindle housing bore dia.	80mm	ACCEPTED	
Max. spindle speed	18000 rpm	ACCEPTED	
Std. spindle	Dia 80 x 250mm	ACCEPTED	

Standard machine should include following Features:		
1. All General & Geometrical tolerances shall be as per IS standards / International standard.	ACCEPTED	
2. Automatic grinding cycles including rapid approach, coarse, fine, spark off & retraction with PLC controller of reputed make.	ACCEPTED	
3. Hydraulic table travel on V & Flat guide ways with continuous lubrication.	ACCEPTED	
4. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	ACCEPTED	
5. Machine manual, Electrical circuit drawings, spares required for 1 year	ACCEPTED	
6. First fill of lubricants	ACCEPTED	
7. Fully ribbed high grade cast iron body construction.	ACCEPTED	
Standard accessories:		
1. Complete coolant tank with motor & pump	ACCEPTED	
2. Complete hydraulic equipment including motor, pump, valve & tank	ACCEPTED	
3. Wheel balancing mandrel	ACCEPTED	
4. Set of service tools, belt sets	ACCEPTED	
5. Table mounted wheel dresser	ACCEPTED	
6. Carbide center for work head & tailstock	ACCEPTED	
7. lubricating oil for wheel & work head spindle	ACCEPTED	
8. Internal grinding spindle dia. 80 X 250mm (18000rpm)	ACCEPTED	
9. live spindle draw bar	ACCEPTED	
10. Electrical equipment suitable for 415V & 50Hz cycle	ACCEPTED	
11. Grinding wheel with adaptor	ACCEPTED	
12. 3 jaw &4 jaw self centering chuck	ACCEPTED	
13. Dia 250 Magnetic chuck	ACCEPTED	
14. Collet attachment with collets and draw bar	ACCEPTED	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF KNEE TYPE UNIVERSAL MILLING MACHINE WITH DRO

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-197/2018-19, 23.02.2019)

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION: 25.03.2019 AT 14.00 HRS

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in / https://www.karunadu.gov.in/gttc go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Knee type Universal Milling Machin with DRO*** , as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.

2. Sources of Funds	***OTACA fund available with Government Tool Room & Training Centre***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-197/2018-19, 23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
1	KNEE TYPE UNIVERSAL MILLING MACHINE WITH DRO for GTTC Gokak centre	01	50,000 /-

Note: EMD payment:

Rs.50,000/- by cash, through any of the method as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).
4) Over the Counter (OTC) (Axis Bank).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

KNEE TYPE UNIVERSAL MILLING MACHINE	
	Qty: 01No.
Specification	
Table size	1550mm x315mm
Swivel of table on either side	45 Degrees
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 830mm
Transverse Auto	Up to 230mm
Manual	Up to 260mm
Vertical Auto	Up to 400mm
Manual	Up to 420mm
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm
Rapid Traverse	
Longitudinal	~ 2500 mm / min
Transverse	~ 2500 mm / min
Vertical	~ 600 mm / min
Spindle	
Speed range/steps/progression	40-2000/12/1.4
Taper	ISO40 / BT40
No. of feeds	18
Vertical milling head swivelling	45 degrees on either side
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
4. Double nut lead screw to eliminate back lash	
5. Motor shaft end should be supported by a bearing for prolonged machine life	
6. Rapid feed for all the three axes should be available	
7. Centralised lubrication system	
8. Coolant tank with motorised pump	

9. Machine lamp with bulb
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
11.Machine manual, Electrical circuit drawings, spares required for 1 year
12.First fill of lubricants
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
14. Mechanical Linear scale for X, Y, Z axis
Accessories:
1. Arbor Dia.22, Dia.27 & Dia.32
2. Face mill adaptor- Short & long
3. Collet adaptor- Short & long
4. Collets from 4mm-20mm in steps of 1mm
5. Machine vice with out Swivel base, jaw opening upto 200mm
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32
7. Screw type MT1-MT4
8. Standard tool kit

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(j)	The Purchaser's country is: INDIA
SCC 1.1(k)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (q)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical Tolerances shall be as per IS Standards or any International Standards

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place: As per GCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF KNEE TYPE UNIVERSAL MILLING MACHINE WITH DRO
GTTC/MCD/TENDER/GOKAK/BD-197/2018-19, 23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

	Particulars	Quantity	EMD
01	Knee type Universal Milling Machine With DRO	01 No.	Rs.50,000/-

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt. 25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;
(b) Bid Security in accordance to ITB Clauses 21;
(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;
(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;
(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;
(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

Bidder.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria

40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

41 Purchaser's Right to Vary Quantities at Time of Award

41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

43Notification of Award

43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

44 Signing of Contract

44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.

45Performance Security

45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser.

45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer],* who are official manufacturers of *[insert type of goods manufactured],* having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods],* and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier’s Bid and original Price Schedules

   (f) The Purchaser’s Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/TENDER/GOKAK/BD-195/2018-19, 23.02.2019

KNEE TYPE UNIVERSAL MILLING MACHINE			
(Should be uploaded along with the Technical bid)			
Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:	**01 No.**	**Delivery Offered:**	
Specification		**Acceptance of required Specification**	**If 'Not Accepted' alternate specification**
Size			
Table size	1550mm x315mm	ACCEPTED	
Swivel of table on either side	45 Degrees	ACCEPTED	
Traverse			
Longitudinal Auto	Up to 800mm	ACCEPTED	
Manual	Up to 830mm	ACCEPTED	
Transverse Auto	Up to 230mm	ACCEPTED	
Manual	Up to 260mm	ACCEPTED	
Vertical Auto	Up to 400mm	ACCEPTED	
Manual	Up to 420mm	ACCEPTED	
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm	ACCEPTED	
Rapid Traverse			
Longitudinal	~ 2500 mm / min	ACCEPTED	
Transverse	~ 2500 mm / min	ACCEPTED	
Vertical	~ 600 mm / min	ACCEPTED	
Spindle			
Speed range/steps/progression	40-2000/12/1.4	ACCEPTED	
Taper	ISO40 / BT40	ACCEPTED	
No. of feeds	18	ACCEPTED	
Vertical milling head swiveling	45 degrees on either side	ACCEPTED	
Feed range			
Longitudinal	15-850mm/min	ACCEPTED	
Transverse	15-850mm/min	ACCEPTED	
Milling spindle motor	3.5 ~ 5.5Kw	ACCEPTED	
Feed motor	1 ~ 1.5 kw	ACCEPTED	

Standard Features:		
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	ACCEPTED	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	ACCEPTED	
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.	ACCEPTED	
4. Double nut lead screw to eliminate back lash	ACCEPTED	
5. Motor shaft end should be supported by a bearing for prolonged machine life	ACCEPTED	
6. Rapid feed for all the three axes should be available	ACCEPTED	
7. Centralised lubrication system	ACCEPTED	
8. Coolant tank with motorised pump	ACCEPTED	
9. Machine lamp with bulb	ACCEPTED	
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	ACCEPTED	
11.Machine manual, Electrical circuit drawings, spares required for 1 year	ACCEPTED	
12.First fill of lubricants	ACCEPTED	
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20	ACCEPTED	
14. Mechanical Linear scale for X, Y, Z axis	ACCEPTED	
Accessories:		
1. Arbor Dia.22, Dia.27 & Dia.32	ACCEPTED	
2. Face mill adaptor- Short & long	ACCEPTED	
3. Collet adaptor- Short & long	ACCEPTED	
4. Collets from 4mm-20mm in steps of 1mm	ACCEPTED	
5. Machine vice with out Swivel base, jaw opening upto 200mm	ACCEPTED	
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32	ACCEPTED	
7. Screw type MT1-MT4	ACCEPTED	
8. Standard tool kit	ACCEPTED	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF KNEE TYPE UNIVERSAL MILLING MACHINE WITH OUR DRO

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-198/2018-19, 23.02.2019)

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION: 25.03.2019 AT 14.00 HRS

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
  - (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in / https://www.karunadu.gov.in/gttc go to tender applications form the home page.
- Last date of submission: 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Knee type Universal Milling Machine with out DRO*** as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.

2. Sources of Funds	***OTACA fund available with Government Tool Room & Training Centre for all centres with in Karnataka, India.***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-198/2018-19, 23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
1	KNEE TYPE UNIVERSAL MILLING MACHINE WIHTOUT DRO	01	50,000 /-

Note: EMD payment:

Rs.50,000/- by cash, through any of the method as mentioned above.

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).
4) Over the Counter (OTC) (Axis Bank).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

KNEE TYPE UNIVERSAL MILLING MACHINE	
	Qty: 01No.
Specification	
Table size	1550mm x315mm
Swivel of table on either side	45 Degrees
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 830mm
Transverse Auto	Up to 230mm
Manual	Up to 260mm
Vertical Auto	Up to 400mm
Manual	Up to 420mm
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm
Rapid Traverse	
Longitudinal	~ 2500 mm / min
Transverse	~ 2500 mm / min
Vertical	~ 600 mm / min
Spindle	
Speed range/steps/progression	40-2000/12/1.4
Taper	ISO40 / BT40
No. of feeds	18
Vertical milling head swivelling	45 degrees on either side
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
4. Double nut lead screw to eliminate back lash	
5. Motor shaft end should be supported by a bearing for prolonged machine life	
6. Rapid feed for all the three axes should be available	
7. Centralised lubrication system	
8. Coolant tank with motorised pump	

9. Machine lamp with bulb
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
11.Machine manual, Electrical circuit drawings, spares required for 1 year
12.First fill of lubricants
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
14. Mechanical Linear scale for X, Y, Z axis
Accessories:
1. Arbor Dia.22, Dia.27 & Dia.32
2. Face mill adaptor- Short & long
3. Collet adaptor- Short & long
4. Collets from 4mm-20mm in steps of 1mm
5. Machine vice with out Swivel base, jaw opening upto 200mm
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32
7. Screw type MT1-MT4
8. Standard tool kit

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(j)	The Purchaser's country is: INDIA
SCC 1.1(k)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (q)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* gttcb@dataone.in
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical Tolerances shall be as per IS Standards or any International Standards

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.

SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.
SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place: As per GCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids (IFB)

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF KNEE TYPE UNIVERSAL MILLING MACHINE WITHOUT DRO
GTTC/MCD/TENDER/GOKAK/BD-198/2018-19, 23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

	Particulars	Quantity	EMD
01	Knee type Universal Milling Machine with out DRO	01 No.	Rs.50,000/-

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt. 25.03.2019 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

	specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.
10 Documents Comprising the Bid	10.1 The Bid shall comprise the following: (a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15; (b) Bid Security in accordance to ITB Clauses 21; (c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22; (d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid; (e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin; (f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents; (g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS
11 Bid Submission Form and Price Schedules	11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format. 11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.
12 Alternative Bids	12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.
13 Bid Prices and Discounts	13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below. 13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31. 13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered. 13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form. 13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)

17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.

18 Documents Establishing the Qualifications of the Bidder

18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

(a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;

(b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and

(c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.

19 Period of Validity of Bids

19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive.

19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below;

19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions	31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer],* who are official manufacturers of *[insert type of goods manufactured],* having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods],* and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier’s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/TENDER/GOKAK/BD-195/2018-19, 23.02.2019

KNEE TYPE UNIVERSAL MILLING MACHINE WITH OUT DRO			
(Should be uploaded along with the Technical bid)			
Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:	**01 No.**	**Delivery Offered:**	
Specification		**Acceptance of required Specification**	**If 'Not Accepted' alternate specification**
Size			
Table size	1550mm x315mm	ACCEPTED	
Swivel of table on either side	45 Degrees	ACCEPTED	
Traverse			
Longitudinal Auto	Up to 800mm	ACCEPTED	
Manual	Up to 830mm	ACCEPTED	
Transverse Auto	Up to 230mm	ACCEPTED	
Manual	Up to 260mm	ACCEPTED	
Vertical Auto	Up to 400mm	ACCEPTED	
Manual	Up to 420mm	ACCEPTED	
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm	ACCEPTED	
Rapid Traverse			
Longitudinal	~ 2500 mm / min	ACCEPTED	
Transverse	~ 2500 mm / min	ACCEPTED	
Vertical	~ 600 mm / min	ACCEPTED	
Spindle			
Speed range/steps/progression	40-2000/12/1.4	ACCEPTED	
Taper	ISO40 / BT40	ACCEPTED	
No. of feeds	18	ACCEPTED	
Vertical milling head swiveling	45 degrees on either side	ACCEPTED	
Feed range			
Longitudinal	15-850mm/min	ACCEPTED	
Transverse	15-850mm/min	ACCEPTED	
Milling spindle motor	3.5 ~ 5.5Kw	ACCEPTED	
Feed motor	1 ~ 1.5 kw	ACCEPTED	
Standard Features:			
1. All General & Geometrical tolerances shall be as per IS standards / International standards.		ACCEPTED	
2. Spindle housing should be rigid to ensure vibration free & smooth machining		ACCEPTED	
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.		ACCEPTED	
4. Double nut lead screw to eliminate back lash		ACCEPTED	
5. Motor shaft end should be supported by a bearing for prolonged machine life		ACCEPTED	
6. Rapid feed for all the three axes should be available		ACCEPTED	
7. Centralised lubrication system		ACCEPTED	
8. Coolant tank with motorised pump		ACCEPTED	
9. Machine lamp with bulb		ACCEPTED	
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply		ACCEPTED	
11.Machine manual, Electrical circuit drawings, spares required for 1 year		ACCEPTED	
12.First fill of lubricants		ACCEPTED	
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20		ACCEPTED	
14. Mechanical Linear scale for X, Y, Z axis		ACCEPTED	
Accessories:			
1. Arbor Dia.22, Dia.27 & Dia.32		ACCEPTED	
2. Face mill adaptor- Short & long		ACCEPTED	
3. Collet adaptor- Short & long		ACCEPTED	
4. Collets from 4mm-20mm in steps of 1mm		ACCEPTED	
5. Machine vice with out Swivel base, jaw opening upto 200mm		ACCEPTED	
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32		ACCEPTED	
7. Screw type MT1-MT4		ACCEPTED	
8. Standard tool kit		ACCEPTED	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.		ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF CNC MILLING MACHINE

(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD- 199/2018-19, DT. 23.02.2019)

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION : 23.03.2019 AT 14.00 HRS.

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
  - (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in.
- Last date of submission:25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***CNC Milling Machine***, as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***Fund available with Government Tool Room & Training Centre***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD- 199/2018-19, DT. 23.02.2019)

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in Section 1 -2 of ITB***

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03. 2017** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl. No.	Description	Quantity	EMD in Rupees
01	CNC Milling Machine For GTTC Gokak centre	01 no.	Rs. 1,00,000.00

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

B. Rs 50,000 /- in the form of a Bank Guarantee form any scheduled bank.

Note : EMD full amount may also be paid by any one of the mean as mentioned in SUB A

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

CNC Milling Machine

Qty:- 01 No.

Description	Specification
Capacity	
Table size (L X B)	650 ~ 750 X 450 ~ 550 mm
Distance from table top to spindle face	115 ~ 140 (min) / 610 ~ 660(max) mm
Load capacity on table	350 ~ 450 kg
Longitudinal X-axis	475 ~ 525 mm
Transverse Y-axis	475 ~ 525 mm
Vertical Z-axis	475 ~ 525 mm
Spindle	
Power	5.5 / 7.5 Kw
Speed	60 - 6000 Rpm
Maximum tool weight	Up to 7 kgs
Nose	BT40 / ISO 40
Axis Drive	
Feed rates	3 ~ 10,000 mm/min
Rapid Traverse (X/Y/Z)	20,000 mm/min
Accuracy	
Positioning	+/- 5 µ
Repeatability	+/- 3 µ
Power Supply	415V, 3Phase, 50Hz

CNC Controller

Suitable for Universal CNC Milling Machine

Numerical control ensures full automation of the machine
Should offer numerous features necessary for easy & efficient program set up
Contour programming
Fast presetting
Milling cycles for complex contours
Cycles for Drilling, Boring & Spindle alignment
Cycles for linear & circular point patterns
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.
The movement of all machines axes are controlled by digital drives
Tool life management
Cutter compensation
Canned cycles for simplified part programming
NC programming using DIN/ISO code
Online ladder display of easy diagnostics
Features
1. Standard cycles for milling, drilling, rigid tapping
2. Suitable Counter balance to control drop of Z-axis during power failure
3. Dampening system for enhanced accuracies
4. X, Y, Z-axes must have direct drive through coupling between motor & ball screw.
5. Simulation on machine control
6. Manual pulse generator for work piece setting
7. Centralised lubrication system
8. Spindle auto tool clamp & de-clamp
9. Levelling pads
10. Hardened & ground sturdy linear motion guide ways & ball screws.
11. Coolant system
12. Chip conveyor system
13. Machine lamp
14. Test Mandrel
15. Suitable Stabiliser
16. Control panel should be provided with A.C. unit
17. All General & Geometrical tolerances shall be as per IS standards / International standards.
Accessories Required
1. Collets dia.3, 4, 6, 8, 10, 12, 16, 20 & 25 – 2 nos. each suitable to adaptors
2. Collet adaptor- Short & long (each 2 nos.)
a) Collet Adaptor- Short, to Hold 3.0 - 16.0 Dia – 2 sets
b) Collet Adaptor- Short, to Hold 16.0- 25.0 Dia – 2 sets
3. Hydraulic vice opening: 200mm with 5µ accuracy – 1no.
4. Key less drill chuck – 2 nos. to suit BT40 / ISO 40 Adaptors with set of sleeves.
5. One set of Tool kit shall include :

a) Clamping kit-goose neck, strap
b) T-bolts, tenons, Allen key, Washers, Studs, hexagonal nut
c) Spanner-Ring, flat & C
6. L- angle plate 150mm x 150mm & 250mm x 250mm (Each 1no)
7. Face mill Arbor 1no.
9. CNC Tool clamping fixture – 1no.
10. Pull Studs – 10 Nos.
11. Edge finder – 1no.
12. First fill of lubricants

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded wit Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttc.mcd@karnataka.gov.in
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical tolerance shall be as per IS standards or any International standards.

SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference

	(d) Insurance coverage policy The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.
SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.

SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in "the currencies of payment of the Contract, in accordance with their portions of the Contract Price"
SCC 17.4	Discharge of the Performance Security shall take place: As per SCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF CNC MILLING MACHINE

GTTC/MCD/TENDER/GOKAK/BD- 199/2018-19,
DT. 23.02.2019)

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

	Particulars	Quantity	EMD
01	CNC Milling Machine For GTTC Gokak centre	01 No.	Rs.1,00,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt.25.03.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened Electronically on Dt.27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes). 13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser’s evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form “ Price and Completion Schedule – Related Services” in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder’s qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU’s etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract,

the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for

documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by

arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations,

duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall

repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action

as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right

registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing,

the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant

to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the

Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/TENDER/GOKAK/BD- 199/2018-19,
DT. 23.02.2019)

CNC MILLING MACHINE

(Should be uploaded along with the Technical bid)

Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:	**01 No.**	**Delivery Offered:**	
Specification		**Acceptance of required Specification**	**If 'Not Accepted' alternate specification**
Description	Specification		
Capacity			
Table size (L X B)	650 ~ 750 X 450 ~ 550 mm	ACCEPTED	
Distance from table top to spindle face	115 ~ 140 (min) / 610 ~ 660(max) mm	ACCEPTED	
Load capacity on table	350 ~ 450 kg	ACCEPTED	
Longitudinal X-axis	475 ~ 525 mm	ACCEPTED	
Transverse Y-axis	475 ~ 525 mm	ACCEPTED	
Vertical Z-axis	475 ~ 525 mm	ACCEPTED	
Spindle			
Power	5.5 / 7.5 Kw	ACCEPTED	
Speed	60 - 6000 Rpm	ACCEPTED	
Maximum tool weight	Up to 7 kgs	ACCEPTED	
Nose	BT40 / ISO 40	ACCEPTED	
Axis Drive			
Feed rates	3 ~ 10,000 mm/min	ACCEPTED	
Rapid Traverse (X/Y/Z)	20,000 mm/min	ACCEPTED	
Accuracy			
Positioning	+/- 5 µ	ACCEPTED	
Repeatability	+/- 3 µ	ACCEPTED	
Power Supply	415V, 3Phase, 50Hz	ACCEPTED	
CNC Controller			
Suitable for Universal CNC Milling Machine		ACCEPTED	
Numerical control ensures full automation of the machine		ACCEPTED	
Should offer numerous features necessary for easy & efficient program set up		ACCEPTED	
Contour programming		ACCEPTED	
Fast preseting		ACCEPTED	
Milling cycles for complex contours		ACCEPTED	
Cycles for Drilling, Boring & Spindle alignement		ACCEPTED	
Cycles for linear & circular point patterns		ACCEPTED	
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.		ACCEPTED	
The movement of all machines axes are controlled by digital drives		ACCEPTED	
Tool life management		ACCEPTED	
Cutter compensation		ACCEPTED	
Canned cycles for simplified part programming		ACCEPTED	
NC programming using DIN/ISO code		ACCEPTED	
Online ladder display of easy diagnostics		ACCEPTED	
Features			
1. Standard cycles for milling, drilling, rigid tapping		ACCEPTED	
2. Suitable Counter balance to control drop of Z-axis during power failure		ACCEPTED	
3. Dampening system for enhanced accuracies		ACCEPTED	
4. X, Y, Z-axes must have direct drive through coupling between motor & ball screw.		ACCEPTED	
5. Simulation on machine control		ACCEPTED	
6. Manual pulse generator for work piece setting		ACCEPTED	
7. Centralised lubrication system		ACCEPTED	
8. Spindle auto tool clamp & de-clamp		ACCEPTED	
9. Levelling pads		ACCEPTED	
10. Hardened & ground sturdy linear motion guide ways & ball screws.			
11. Coolant system		ACCEPTED	
12. Chip conveyor system		ACCEPTED	
13. Machine lamp		ACCEPTED	
14. Test Mandrel		ACCEPTED	
15. Suitable Stabiliser		ACCEPTED	
16. Control panel should be provided with A.C. unit		ACCEPTED	
17.All General & Geometrical tolerance shall be as per IS standards/ International standard		ACCEPTED	

Accessories Required	ACCEPTED	
1. Collets dia.3, 4, 6, 8, 10, 12, 16, 20 & 25 – 2 nos. each suitable to adaptors	ACCEPTED	
2. Collet adaptor- Short & long (each 2 nos.)	ACCEPTED	
a) Collet Adaptor- Short, to Hold 3.0 - 16.0 Dia – 2 sets	ACCEPTED	
b) Collet Adaptor- Short, to Hold 16.0- 25.0 Dia – 2 sets	ACCEPTED	
3. Hydraulic vice opening: 200mm with 5µ accuracy – 1no.	ACCEPTED	
4. Key less drill chuck – 2 nos. to suit BT40 / ISO 40 Adaptors with set of sleeves.	ACCEPTED	
5. One set of Tool kit shall include :	ACCEPTED	
a) Clamping kit-goose neck, strap	ACCEPTED	
b) T-bolts, tenons, Allen key, Washers, Studs, hexagonal nut	ACCEPTED	
c) Spanner-Ring, flat & C	ACCEPTED	
6. L- angle plate 150mm x 150mm & 250mm x 250mm (Each 1no)	ACCEPTED	
7. Face mill Arbor 1no.	ACCEPTED	
9. CNC Tool clamping fixture – 1no.	ACCEPTED	
10. Pull Studs – 10 Nos.	ACCEPTED	
11. Edge finder – 1no.	ACCEPTED	
12. First fill of lubricants	ACCEPTED	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF CNC TURNING MACHINE
(Bid Ref. No.: GTTC/MCD/TENDER/GOKAK/BD-200/2018-19,
DATED:23.02.2019

BIDDING DOCUMENT

FEBURARY - 2019

LAST DATE FOR SUBMISSION : 25.03.2019 AT 14.00 HRS

IMPORTANT NOTE

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages – Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.50,000/- to be paid through any one of the below mentioned methods. If the EMD exceeds this amount, it is to be paid by way of split EMD. Amount up to Rs.50,000/- by one of the method as mentioned below & amount in excess of this to be paid though a bank guarantee issued by any scheduled bank.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
  (d) Over the Counter (OTC) (Axis Bank)
- In addition to the EMD as detailed, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above mentioned modes only.
- The bank guarantee, where ever applicable, is to be uploaded along with the technical bid offer. And the original bank guarantee shall be deposited along with the hard copy of the technical bid. Non receipt of the original bank guarantee even after two days of technical opening is liable for bid rejection.
- Hard copy of the Technical Bid along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee, clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.
- Bidding is through electronic-tendering only. Visit websites: https://eproc.karntataka.gov.in.
- Last date of submission 25.03.2019 up to 14.00 Hrs.
- Opening of Technical Bids: On 27.03.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***CNC Turning Machine***, as specified in the Schedule of Requirements. The name, identification and number of lots are provided in the BDS.
2. Sources of Funds	***Fund available with Government Tool Room & Training***

For other instructions refer to General Terms & Conditions for Bids

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Information to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**
ITB 1.1	The name and identification number: GTTC/MCD/TENDER/GOKAK/BD-200/2018-19, DATED:23.02.2019

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 E-Mail – md.gttc@gmail.com & gttc.mcd@karnataka.gov.in

	C. Preparation of Bids
ITB 3.1	Place of Destination: CPT Bangalore (Inco terms 2000) Final Destination: ***Govt. Tool Room & Training Centre – as mentioned in***

	Section 1 -2 of ITB

ITB 4.1	Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
ITB 4.2	The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

	D. Submission and Opening of Bids
ITB 23.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.
ITB24.1	Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
ITB 24.2	A set of Technical Bid hard copy along with all other original documents uploaded including catalogue, authorisation letter (if applicable), clientele list, etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
ITB 25.1	The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.03.2019** Time: **14.00 Hrs**
ITB 26.1	The technical bid opening shall take place electronically: **On Date: 27.03.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender (FOR ITB 4.2)

Sl. No.	Description	Quantity	EMD in Rupees
01	CNC Turning Machines For GTTC GOKAK centre	01 No.	Rs. 75,000.00

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

B. Rs.25,000/ - in the form of a Bank Guarantee form any scheduled bank.

Note : EMD full amount may also be paid by any one of the mean as mentioned in SUB A

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

SPECIFICATION OF CNC LATHE

	Qty. 01 No.
CAPACITY	
Distance between centres	230 – 260mm
Swing over bed	280 – 320mm
Maximum turning diameter	110 – 150 mm
HEAD STOCK	
Maximum Through bore	32 – 40mm
Chuck diameter	135 mm
Spindle speed	100 – 4000rpm
Spindle nose	A – 4
AXES SLIDES	
Transverse stroke: X-axis	80 -130mm
Transverse stroke: Z-axis	250 -300mm
FEEDS	
Variable feeds X-/Z- axis	0 – 5000 mm / min
Rapid feed X-/Z- axis	15 / 15 m / min
TOOLING SYSTEM: TURRET	
No. of tool stations	8
Spindle motor power	3.5 – 5.0 Kw (415V, 3 Phase & 50 hz)
Speed	3000 - 4000 rpm
Standardized fixing of tool holders	16 square
Maximum tool size (boring bar)	25 mm
CNC Controller	
Suitable for CNC Turning Machine	
Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	

Contour programming
Cycles for Drilling, Boring & Spindle alignment
Cycles for linear & circular point patterns
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.
The movement of all machines axes are controlled by digital drives
Tool life management
Cutter compensation
Canned cycles for simplified part programming
NC programming using DIN/ISO code
Online ladder display of easy diagnostics

Standard Features & Accessories
1. Fully enclosed guards
2. Centralized lubrications unit
3. Coolant equipment
4. Alarm lamp
5. Work lamp
6. 3 jaw chuck (one set each of soft & hard jaws) & Tail stock
7. Set of reduction sleeves
8. Set of boring bar holders
9. Foot switch for Hydraulic chuck & Hydraulic tail stock quill
10. AC for electrical control cabinet
11. Chip tray
12. Linear motion guide ways
13. Hardened & Ground pre- loaded ball screws for axis
14. 8 station turret
15.All General & Geometrical tolerances shall be as per IS standards / International standards.

Accessories required
1. Voltage stabilizer
2. Chip conveyor with bin
3. Axial tool holder
4. Revolving centre
5. Start up tool kit
6. First fill of lubricants

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SCC 1.1(h)	The Purchaser's country is: INDIA
SCC 1.1(i)	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
SCC 1.1 (n)	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITH IN KARNATAKA, INDIA
SCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms 2000.
SCC 4.2 (b)	The version edition of Inco terms 2000
SCC 5.1	The language shall be: ENGLISH
SCC 8.1	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683
SCC 9.1	The governing law shall be the law of: INDIA
SCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause shall be as follows: In the case of a dispute between the Purchaser and a Supplier the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.
SCC 11.1	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"
SCC 11.2	All General, Dimensional & Geometrical tolerance shall be as per IS standards or any International standards.
SCC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) Original Invoice. (b) Original Delivery Challan (c) Air Waybill reference (d) Insurance coverage policy

	The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
SCC 14.2	The prices charged for the Goods supplied and the related Services performed Shall not be adjustable.
SCC 15.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment for Goods supplied from other countries: Payment of foreign currency portion shall be made in the currencies in which bids were submitted by the bidder. The purchaser shall pay to the supplier as follows in case of imported equipment. (i) **On Shipment:** Ninety (90) percent of the invoice value shall be paid through irrevocable confirmed letter of credit opened in favour of supplier in a bank in its country upon submission of necessary documents. (ii) **Balance:** Ten (10) percent amount of invoice will be paid after commissioning of the equipment at the purchaser's site and completion of warranty period. Warranty period will be for 12 months from the date of commissioning of equipment or 18 months from the date of shipment whichever is earlier. Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The purchaser shall pay to the supplier as follows in case of Indigenous Equipments (i) **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent with in 30 days after Commissioning & Training & acceptance certification by the competent authority.
SCC 15.5	The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days. The interest rate that shall be applied is 1*% Per Month*
SCC 17.1	A Performance Security Shall be required for 10% of the value of the contract price.

SCC 17.3	The Performance Security shall be in the form of Bank Guarantee The Performance security shall be denominated in “the currencies of payment of the Contract, in accordance with their portions of the Contract Price”
SCC 17.4	Discharge of the Performance Security shall take place: As per SCC 17.4
SCC 23.1	The insurance coverage shall be as specified in the Inco terms 2000
SCC 24.1	Responsibility for transportation of the Goods shall be as specified in the Inco terms 2000.
SCC 25.1	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details in section VI Schedule of Requirements.
SCC 25.2	The Inspections and tests shall be conducted at: ***GTTC, Respective centres in Karnataka, India***
SCC 26.1	The liquidated damage shall be: 1% per week
SCC 26.1	The maximum amount of liquidated damages shall be: 5%
SCC 27.5	The period for repair or replacement shall be: *30 days*

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF CNC TURNING MACHINE

GTTC/MCD/TENDER/GOKAK/BD-200/2018-19, DATED:23.02.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages – Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Particulars	Quantity	EMD
01	CNC TURNING Machine For GTTC Gokak centre	01 No.	Rs. 75,000.00

3. Bidding will be conducted through the Global Tender

4. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 23.02.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

5. Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918025501216, +918025501227.

6. Bids along with supportive documents must be uploaded through the above mentioned web site on or before Dt. 25.03.2019, 14.00 Hrs. Bids uploading will not

be possible after the date & time given. Technical Bids will be opened Electronically on Dt. 27.03.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)

17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.

18 Documents Establishing the Qualifications of the Bidder

18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

(a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;

(b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and

(c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.

19 Period of Validity of Bids

19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive.

19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below;

19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

Bidder.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria

40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

41 Purchaser's Right to Vary Quantities at Time of Award

41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

43Notification of Award

43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

44 Signing of Contract

44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.

45Performance Security

45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser.

45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer],* who are official manufacturers of *[insert type of goods manufactured],* having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods],* and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party’s rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties	16.2	For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.
	16.3	For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
	16.4	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
17. Performance Security	17.1	If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.
	17.2	The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	17.3	As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
	17.4	The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.
18. Copyright	18.1	The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

(To be uploaded with Technical bid - I stage)

1. List of Goods and Delivery Schedule

Line Item No.	Description of Goods	Quantity	Physical unit	Final Destination as specified in BDS	Delivery Date	
					Latest Delivery Date	Offered Delivery date
1	CNC Turning Machine	1	No.	Refer Bid Document	90 days	

Note: The delivery date will be effective from the date of Purchase order.

2. List of Related Services and Completion Schedule

Service	Description of Service	Quantity	Physical Unit	Place where Services shall be performed	Final Completion Date(s) for Services	Offered Completion Date for Services
1	CNC Turning Machine	1	No.	Refer Bid Document	90 days	

Ref:. GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20, Dated:18.07.2019
TECHNICAL BID

Name of The Bidder					Delivery Required: 60 Days
					Delivery Offered:
Sl.No.	Item	Sub Item/Specification	Qty./ set	Total set	Acceptance of required Specification
1	Protective Gear	**Boiler Suit Male:** Made up of 210 GSM,Navy Blue terry cotton, breathable dual stiched fabric, concealed KK-2 way Zipper. Elasticcised back, 8 pocket style and machine washable. Size: Vary from M & L. (Qty of respective size will be informed during the course of supply)	1	1032 set	ACCEPTED
		Industrial Apron Female : Made up of 210 GSM, navy blue 100% cotton, breathable dual stiched fabric ,waist 2 pen pockets and machine washable. Size: Vary from M &L. (Qty of respective size will be informed during the course of supply)	1		ACCEPTED
		Industrial Safety Shoes: Made up of booty leather upper ,200 J steel toe, anti static insole ,ISI marked, moisture wicking breathable fabric lining, double density PU sole, oil and acid resistant, high ankled. Size vary between 7 & 8. (Qty of respective size will be informed during the course of supply)	1		ACCEPTED
		Helmet Hard Hat : Made up of formulated polymer,tripple corrugation, ratchet type, non-irritant band.	1		ACCEPTED
		Polycarbonate Goggles: Chemical and impact resistant ,anti fogging, unisex, Crystal ,clear vision, side protection and wearable over spectacles.	1		ACCEPTED
		Safety Gloves : Made up of high strength elastic nitrile coated, cut and heat resiistant, multipurpose uses.	1		ACCEPTED
		Ear Plugs : 1270 made up of hypoallergenic silicon, reusable, 24db and noise reduction rating. Non irritating and comfortable fit.	2		ACCEPTED
2	Wooden Drawing Board A1 Size	Made of MDF material, light weight and durable quality wooden fibre.	1		ACCEPTED

Sl.No.	Item	Sub Item/Specification	Qty./ set	Total set	Acceptance of required Specification
3	Back Pack (College bag - Light weight & Water resistant	Made up of polyster, water resistant ,3 compartments, mesh pockets and mesh padding, durable zipper ,20 x 15 inches immense capacity.	1	1032 set	ACCEPTED
4	Engineering Drawing Set	**Mini Drafter:** Made of steel and nickel coated rod,Powder coated frame , unbreakable scale, bevel edge with protractor,ant-corrosive. **Set Squares:** Made of clear plastic unbreakable scale, Bevel edge with Protractor thickness 2.5mm **Stencil:** made of complete english alphabets, upper case amd lower case, 0.9 numbers, smooth -die ent edges, 160X756mm. **Circle Template:** 360 degree circular plastic protractor, 115mm diameter, 16 circles templates.	1		ACCEPTED
		Engineering Compass Box: made of 12 precision crafted instruments made of SS304 stainless steel, plastic grips with metal carry case.	1		ACCEPTED
		Clutch Pencil & Lead Box: retractable metallic nose,light weight and silicon rubber gripper for easy crafting and drawing.	1		ACCEPTED
		12 Pencil, 1 Sharpener, 1 Eraser Set: Pencil:Extra dark, Sharpner:Long point sharpner Eraser: Non dust grippo eraser	1		ACCEPTED
		A1 Sheet Container: made of good quality, flexible plastic, Adjustable for A1, A2, A3 & A4, it is an adjustable sheet container fully expanding and adjustable to use ,shoulder strap, portable and durable heavy duty material.	1		ACCEPTED
		Scientific Calculator: non programmable scientific calculator with 300 functions,2-Line display.	1		ACCEPTED
5	Books	All about machine Tools Author: Heinrich Gerling	1	1032 set	ACCEPTED
		Westermann Tables Author: H. Jutzz	1		ACCEPTED
		Workshop Technology Vol 1 Author: Hazra Chaudhary	1		ACCEPTED
		Engineering Drawing Author: N.D.Bhatt	1		ACCEPTED
6	Package bag with GTTC logo & content printed.	Kit made up of MATTE Fabric 3/3 count waterproof material with carry strap and zipper. Dimension Width: 12inch, Length:17inch , Height: 22inch. Books shall be separately packed and kept in the package kit bag.	1	1032 Nos.	ACCEPTED

Note: 1. Bidder shall offer / quote for all the items.

2. Boiler suit & apron shall have embroidery of GTTC log. All other items shall have sticker with GTTC logo.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF TRAINING KIT

BID REF: GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20, Date:18.07.2019

BIDDING DOCUMENT

JULY- 2019

LAST DATE FOR SUBMISSION:31.07.2019 AT 14.00 HRS.

ELIGIBILITY CRITERIA & CONDITIONS

Qualification Criteria covers the minimum requirements with respect to experience, capability and other particulars of the bidder to be considered for participation in the tender on satisfying the eligibility criteria.
(Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender).

1. Bidder shall be registered in SSI/NSIC/DIC

2. Bidder shall have GST Register Number & PAN

3.Company shall have turnover more than 01 Crore for the last 02 years 2017-18 & 2018-19. Turnover shall be certified by Chartered Accountant.

4. Income Tax Returns filed for the year 2016-17, 2017-18 & 2018-19

5. Company shall have ISO Certification.

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Private Departments.

7. Those bidders, who satisfy the eligibility criteria will be intimated to provide each sample items for technical evaluation. The bidder shall provide the samples within 07 days from the date of intimation. Based on the technical evaluation report, commercial bid of technically qualified bidders will be opened.

8. Bidder should quote for all the items in the schedule of requirement. Partially offer is not acceptable.
   Price offer shall be landing price (inclusive of GST, packaging, forwarding and delivery)

9. Successful L1 bidder shall submit a bank guarantee for 10% of basic value of the order as performance warranty.BG shall be valid for 90 days from the date of Purchase order.

10. Delivery destinations: GTTC Centres across Karnataka.

11. The supply shall be completed within 60 days from the date of issue of P.O.

12. Warranty shall be six months from the date of delivery for all the items except Stationary items.
13. Validity of the bid shall be 60 days from the date of opening of technical bid.

14. The Purchaser reserves the right to accept or reject tender without assigning any reason thereof.

15. The Purchaser reserves the right to increase or decrease the quantity of Goods on related Services originally specified.

16. Payments terms: 100% against delivery and certification from the competent authority.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT TRAINING KIT

GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20,
Date:18.07.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering from eligible bidders for supply of Training kit

Sl. No.	Particulars	Specification/ Quantity	Earnest Money deposit in Indian Rupees
01	Training Kit	as per schedule of requirements	1,50,000.00

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from **18.07.2019** till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4.Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: + 91 080 23010900 & 23340060.

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before **Dt. 31.07.2019, Up to 14.00 Hrs.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on **Dt.02.08.2019** after 15.00 Hrs.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,

- Bids called in Two stage (Two Cover)
- Tender documents are available through e-Procurement portal at free of cost.

- Bidding is only through electronic-tendering. Visit website: https://eproc.karntataka.gov.in to get the tender applications form through home page.

- Last date of submission:31.07.2019 up to 14.00 Hrs.

- Opening of Technical Bids: 02.08.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of Training Kit as specified in the Schedule of Requirements.
Delivery Destination of GTTC Centres	GTT Centres across Karnataka

Source of Fund	Funds available with Government Tool Room & Training centre Bangalore.

General

The Purchaser is: **Govt. Tool Room & Training Centre**

The name and identification number:

GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20, Dated:18.07.2019

Contents of Bidding Documents

Purchaser's address is: **Govt. Tool Room & Training Centre**

Attention: Managing Director

Address: Rajajinagar Industrial Estate

City: Bangalore

Pin Code: 560 010

Country: India

Telephone: +918023152262

Facsimile number: +918023301683

Electronic mail address: md.gttc@gmail.com

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) of Axis Bank. Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**:31.07.2019** Time: Up to **14.00 Hrs.**
The technical bid opening shall take place electronically: **On Date:02.08.2019** **Time: At 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl. No.	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Training Kit	1032 sets [as per Schedule of requirement]	1,50,000.00

Mode of EMD payment: -

Rs.1,50,000/- by any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).
4) Over the Counter (OTC) (Axis Bank).

SCHEDULE OF REQUIREMENTS

Sl.No.	Item	Sub Item/Specification	Qty. / set	Total set
1	Protective Gear	**Boiler Suit Male:** Made up of 210 GSM, Navy Blue terry cotton, breathable dual stitched fabric, concealed KK-2-way Zipper. Elasticized back, 8 pocket style and machine washable. Size: Varies from M(Medium)& L (Large) (Qty. of respective size will be intimated during the course of supply)	1	1032 set
		Industrial Apron Female : Made up of 210 GSM, navy blue 100% cotton, breathable dual stitched fabric ,waist 2 pen pockets and machine washable. Size: Varies from M(Medium)& L (Large) (Qty. of respective size will be intimated during the course of supply) .	1	
		Industrial Safety Shoes: Made up of booty leather upper ,200 J steel toe, anti-static insole, ISI marked, moisture wicking breathable fabric lining, double density PU sole, oil and acid resistant, high ankle. Size varies between 7, 8 & 9. (Qty. of respective size will be intimated during the course of supply)	1	
		Helmet Hard Hat : Made up of formulated polymer triple corrugation, ratchet type, non-irritant band.	1	
		Polycarbonate Goggles: Chemical and impact resistant, anti-fogging, unisex, Crystal, clear vision, side protection and wearable over spectacles.	1	
		Safety Gloves : Made up of high strength elastic nitrile coated, cut and heat resistant, multipurpose uses.	1	

		Ear Plugs : 1270 made up of hypoallergenic silicon, reusable, 24db and noise reduction rating. Non irritating and comfortable fit.	2	
2	Wooden Drawing Board A1 Size	Made of MDF material, light weight and durable quality wooden fibre.	1	
3	Back Pack (College bag - Lightweight & Water resistant	Made up of polyester, water resistant, 3 compartments, mesh pockets and mesh padding, durable zipper, 20 x 15 inches capacity.	1	
4	Engineering Drawing Set	**Mini Drafter:** Made of steel and nickel coated rod, Powder coated frame , unbreakable scale, bevel edge with protractor, anti-corrosive. **Set Squares:** Made of clear plastic unbreakable scale, Bevel edge with Protractor thickness 2.5mm **Stencil:** made of complete English alphabets, upper case and lower case, 0.9 numbers, smooth - die end edges, 160X756mm. **Circle Template:** 360degree circular plastic protractor, 115mm diameter, 16 circles templates	1	
		Engineering Compass Box: made of 12 precision crafted instruments made of SS304 stainless steel, plastic grips with metal carry case.	1	
		Clutch Pencil & Lead Box: retractable metallic nose, light weight and silicon rubber gripper for easy crafting and drawing.	1	
		12 Pencil, 1 Sharpener, 1 Eraser Set: Pencil: Extra dark, Sharpener: Long point sharpener & Eraser: Non dust grippo eraser	1	
		A1 Sheet Container: made of good quality, flexible plastic, Adjustable for A1, A2, A3 & A4, it is an adjustable sheet container fully expanding and adjustable to use, shoulder strap, portable and durable heavy-duty material.	1	
		Scientific Calculator: nonprogrammable scientific calculator with 300 functions,2-Line display.	1	

	Books	All about machine Tools. Author: Heinrich Gerling	1	1032
		Westermann Tables Author: H. Jutzz	1	
		Workshop Technology -Vol 1, Author: Hazra Chaudhary	1	
		Engineering Drawing Author: N.D.Bhatt	1	
6	Package kit (bag) with GTTC logo & content printed.	Kit made up of MATTE Fabric 3/3 count waterproof material with carry strap and zipper. Dimension Width: 12inch, Length:17inch, Height: 22inch. Books shall be separately packed and kept in the package kit bag.	1	1032

Note: 1. Bidder shall submit the offer/quote for all the items.
2. Boiler suit & apron shall have embroidery of GTTC log. All other items shall have GTTC logo.

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – ALL CENTRES WITHIN KARNATAKA, INDIA
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* *md.gttc@gmail.com*
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : (i) **On Delivery:** 100 Percent of the invoice value on delivery of the items at the purchaser's site and after receipt of certificate from Concerned Principals / Competent authority.
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: 30 *days*

Ref:. GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20, Dated:18.07.2019
TECHNICAL BID

Name of The Bidder					Delivery Required: 60 Days
					Delivery Offered:
Sl.No.	Item	Sub Item/Specification	Qty./ set	Total set	Acceptance of required Specification
1	Protective Gear	**Boiler Suit Male:** Made up of 210 GSM,Navy Blue terry cotton, breathable dual stiched fabric, concealed KK-2 way Zipper. Elasticcised back, 8 pocket style and machine washable. Size: Vary from M & L. (Qty of respective size will be informed during the course of supply)	1	1032 set	ACCEPTED
		Industrial Apron Female : Made up of 210 GSM, navy blue 100% cotton, breathable dual stiched fabric ,waist 2 pen pockets and machine washable. Size: Vary from M &L. (Qty of respective size will be informed during the course of supply)	1		ACCEPTED
		Industrial Safety Shoes: Made up of booty leather upper ,200 J steel toe, anti static insole ,ISI marked, moisture wicking breathable fabric lining, double density PU sole, oil and acid resistant, high ankled. Size vary between 7 & 8. (Qty of respective size will be informed during the course of supply)	1		ACCEPTED
		Helmet Hard Hat : Made up of formulated polymer,tripple corrugation, ratchet type, non-irritant band.	1		ACCEPTED
		Polycarbonate Goggles: Chemical and impact resistant ,anti fogging, unisex, Crystal ,clear vision, side protection and wearable over spectacles.	1		ACCEPTED
		Safety Gloves : Made up of high strength elastic nitrile coated, cut and heat resiistant, multipurpose uses.	1		ACCEPTED
		Ear Plugs : 1270 made up of hypoallergenic silicon, reusable, 24db and noise reduction rating. Non irritating and comfortable fit.	2		ACCEPTED
2	Wooden Drawing Board A1 Size	Made of MDF material, light weight and durable quality wooden fibre.	1		ACCEPTED

Sl.No.	Item	Sub Item/Specification	Qty./ set	Total set	Acceptance of required Specification
3	Back Pack (College bag - Light weight & Water resistant	Made up of polyster, water resistant ,3 compartments, mesh pockets and mesh padding, durable zipper ,20 x 15 inches immense capacity.	1	1032 set	ACCEPTED
4	Engineering Drawing Set	**Mini Drafter:** Made of steel and nickel coated rod,Powder coated frame , unbreakable scale, bevel edge with protractor,ant-corrosive. **Set Squares:** Made of clear plastic unbreakable scale, Bevel edge with Protractor thickness 2.5mm **Stencil:** made of complete english alphabets, upper case amd lower case, 0.9 numbers, smooth -die ent edges, 160X756mm. **Circle Template:** 360 degree circular plastic protractor, 115mm diameter, 16 circles templates.	1		ACCEPTED
		Engineering Compass Box: made of 12 precision crafted instruments made of SS304 stainless steel, plastic grips with metal carry case.	1		ACCEPTED
		Clutch Pencil & Lead Box: retractable metallic nose,light weight and silicon rubber gripper for easy crafting and drawing.	1		ACCEPTED
		12 Pencil, 1 Sharpener, 1 Eraser Set: Pencil:Extra dark, Sharpner:Long point sharpner Eraser: Non dust grippo eraser	1		ACCEPTED
		A1 Sheet Container: made of good quality, flexible plastic, Adjustable for A1, A2, A3 & A4, it is an adjustable sheet container fully expanding and adjustable to use ,shoulder strap, portable and durable heavy duty material.	1		ACCEPTED
		Scientific Calculator: non programmable scientific calculator with 300 functions,2-Line display.	1		ACCEPTED
5	Books	All about machine Tools Author: Heinrich Gerling	1	1032 set	ACCEPTED
		Westermann Tables Author: H. Jutzz	1		ACCEPTED
		Workshop Technology Vol 1 Author: Hazra Chaudhary	1		ACCEPTED
		Engineering Drawing Author: N.D.Bhatt	1		ACCEPTED
6	Package bag with GTTC logo & content printed.	Kit made up of MATTE Fabric 3/3 count waterproof material with carry strap and zipper. Dimension Width: 12inch, Length:17inch , Height: 22inch. Books shall be separately packed and kept in the package kit bag.	1	1032 Nos.	ACCEPTED

Note: 1. Bidder shall offer / quote for all the items.

2. Boiler suit & apron shall have embroidery of GTTC log. All other items shall have sticker with GTTC logo.

TECHNICAL EVALUATION SHEET (Check List)

GTTC/MCD/SCP-TSP/TENDER/BD-213/2019-20, Dt.:15.17.2019

SL . No.	Name of the Bidder	Whether the bidder is registered with SSI/NSIC/DIC	Bidder shall have GST Register Number & PAN	Company shall have turnover more than 01 Crore for the last 02 years 2017-18 & 2018-19.Turnover shall be certified by Chartered Accountant.	Income Tax Returns filed for the year 2016-17, 2017-18 & 2018-19	Company shall have ISO Certification.	Self declaration for not blacklisted.	Remarks
1								
2								
3								
4								
5								

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MATERIAL TESTING LAB. EQUIPMENTS
BID REF. NO. GTTC/MCD/TENDER/MTLAB/BD-208/2019-20

BIDDING DOCUMENT

OCTOBER - 2019

LAST DATE FOR SUBMISSION: 31.10.2019, 14.00 HRS.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,

- Bids called in Two stage (Two Cover)
- Tender documents are available through e-Procurement portal at free of cost.

- EMD Rs.60,000.00 be paid through any one of the means as mentioned below.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)

- Bidding is only through electronic-tendering. Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.

- **Last date of submission:31.10.2019 up to 14.00 Hrs.**

- **Opening of Technical Bid: On 04.11.2019 at 15.00Hrs. (Electronically).**

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ***Material Testing Lab. Equipments*** as specified in the Schedule of Requirements.

2. Sources of Funds	***Funds available with Government Tool Room & Training Centre.***

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: **Govt. Tool Room & Training Centre**

The name and identification number:

GTTC/MCD/TENDER/MTLAB/BD-208/2019-20

Contents of Bidding Documents

Purchaser's address is: **Govt. Tool Room & Training Centre**

Attention: Managing Director

Address: Rajajinagar Industrial Estate

City: Bangalore

Pin Code: 560 010

Country: India

Telephone: +918023152262

Electronic mail address: md.gttc@gmail.com

Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, Bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non-submission of originals.

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The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 31.10.2019** Time: Up to **14.00 Hrs.**
The technical bid opening shall take place electronically: **On Date:04.11.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl. No.	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Material Testing Lab. Equipments	As mentioned in the tender	60,000.00

Mode of EMD payment: -

Rs.60,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

SL.NO	DESCRIPTION	SPECIFICATION	Qty.
1	Universal Testing Machine (UTM) (Mechanical + Computer)	To Test: a) Tensile b) Compressive c) Shear d) Bending Strength Load: 200 kN , Measuring Range: 0-100 mm, Double column construction, Accuracy Of Measurement +/- 1%, Resolution of Piston movement : 0.1mm , Load stabilizer, Electronic Extensometer, software, computer and printer. Machine to meet requirement of IS:1828:1991	2 Nos.
2	Brinell cum Rockwell Hardness Tester	Rockwell Test Load : 60,100,150 kg, Brinell Test Load :187.5 and 250 kg ,Max.Test Height : 200~300 mm , With Indentors ,Test pieces and Accessories Machine to meet requirement of IS:2281 ,IS:1586	2 Nos.
3	Izod cum Charpy Impact Tester (Digital)	Pendulum Drop Angle - Charpy : 140 degrees and Izod : 90 degrees ,Pendulum Impact Energy : 300 joules, Minimum Scale Graduation : 2 joules, Test method should confirm to BS131.	2 Nos.
4	Vickers Hardness Tester	Total Loads 5,10,20,30 & 50 kg. Optical Magnification 70X. Max. Test Height 200 to 250 mm .Scale Least count 0.001mm With Indentors, Test pieces and Accessories. Machine to meet requirement of IS:1754	2 Nos.
5	Torsion Tester	Max. torque capacity :100 Nm , Torque Resolution :0.01Nm ,Twist angle : in steps of 0.1 degree ,To test rounds (Max. dia 10 mm) and Flats , Electronic digital display with data acquisition system .	2 Nos.
6	Fatigue Test Rig	Table Model, machine to meet requirement of IS: 5075 Bending moment: 25 to 200 kg.cm ,Testing dia ~10 mm , Accuracy +/- 1% , Digital Display : Eight digits .	2 Nos.
7	Flash And Fire points Equipments (Open cup and closed cup)	Operation method-Manual type-standard Flash and Fire point apparatus.	2 Nos.

8	Redwood Viscometer	With Electronic Digital Indicator and Controller & FHP Motor Stirrer as per IP 70 requirements.	2 Nos.
9	Saybolt Viscometer	Single tube Say bolt Viscometer Electrically. Heating with Control Panel (Double Walled) with Digital Electronic Controller and F.H.P. Stirrer and with standard accessories as per ASTMD-88 requirements.	2 Nos.
10	Thurston Oil Tester	With pressure gauge, RPM indicator, digital thermo meter to measure temperature developed in the bush-shaft range 25-30kg load, starter for the motor, digital RPM indicator and 1/2hp motor	2 Nos.
11	Metallurgical Microscope	To view Microstructures of metallurgical samples with magnification up to 1000X, Work Area 200x150 mm . With polishing process equipments	2 Nos.
12	Magnetic Particle Inspection Equipment	Magnetization Current:1000Amps AC[Max] and 1000Amps HWDC Power Supply:230V 50Hz Portable Type with Standard Accessories	2 Nos.
13	Double disc Grinder / Polisher	Full range control for speed (0-1000 rpm) 200mm disc dia 0.5 HP high torque 220 V single phase Table top model with standard accessories [polishing accessories like emery grits, polishing stand, specimen leveller, Bakelite powder, cold setting compound, lavigated alumina paste etc as complete polishing and specimen preparation kit]	2 Nos.

Note: 1] The bidders must bid for all the items. Partial bid is not acceptable.

2] The quoted price shall include [taxes, transportation, unloading at site and any other charge].

3] Overall lowest price will be L1 bid.

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

3. Price schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Price Bid – stage II)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – Gowribidanuru & Chikkodi
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*: md.gttc@gmail.com*
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : (i) **On Delivery:** Fifty (80) Percent of the invoice value on delivery of the items at the purchaser's site. (ii)**Balance:** Fifty (20) percent within 30 days after receipt of certificate from Concerned Principals / Competent authority with confirmation of installation and commissioning and training.
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%

	The period for repair or replacement shall be: *30 days*

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT MATERIAL TESTING LAB. EQUIPMENTS

GTTC/MCD/TENDER/MTLAB/BD-208/2019-20, DT.17.10.2019

1. This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stage – Technical & commercial bid) from bidders for supply of following items.

Sl. No.	Particulars	Quantity	Earnest Money deposit in Indian Rupees
01	PROCUREMENT MATERIAL TESTING LAB. EQUIPMENTS	as per schedule requirements	60,000.000

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 17.10.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4.Complete set of Bidding Documents in ENGLISH is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned website on or before Dt.31.10.2019, 14.00 Hrs. Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt.04.11.2019 after 15.00 Hrs.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid,

such translation shall govern.

10 Documents Comprising the Bid	10.1 The Bid shall comprise the following: (a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15; (b) Bid Security in accordance to ITB Clauses 21; (c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22; (d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid; (e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin; (f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents; (g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS
11 Bid Submission Form and Price Schedules	11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format. 11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.
12 Alternative Bids	12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.
13 Bid Prices and Discounts	13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below. 13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31. 13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered. 13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form. 13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**. 13.6 Prices shall be quoted as specified in each Price Schedule included in

Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services

required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and Omissions

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder.

	38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.
ITB 3.6	Manufacturer's authorization is: REQUIRED

ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II

Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) In case, authorized dealers are participating in the tender, the manufacturer of the dealer should have their service / training centre located in Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and

it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

15.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.2 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 Supplier shall give performance warranty in the form of Bank Guarantee for an amount 10% of the basic price of total number of machines. The warranty period shall be 12 months from the date of last commissioning of the machine.

27.5 If the supplier fails to provide the required service within the warranty period, then the performance warranty shall be forfeited.

27.6 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.7 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.8 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the

Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier

liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment

within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature with seal]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]* in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature with seal of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s*[1]*) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/TENDER/MTLAB/BD-208/2019-20, DT.: 17.10.2019

Material Testing Lab. Equipments

Name of the Bidder :

SL.NO	DESCRIPTION	SPECIFICATION	Qty.	Make Offered	Acceptance of required Specification	If 'Not Accepted' alternate specification
1	Universal Testing Machine (UTM) (Mechanical + Computer)	To Test: a) Tensile b) Compressive c) Shear d) Bending Strength Load: 200 kN , Measuring Range: 0-100 mm, Double column construction, Accuracy Of Measurement +/- 1%, Resolution of Piston movement : 0.1mm , Load stabilizer, Electronic Extensometer, software, computer and printer. Machine to meet requirement of IS:1828:1991	2 Nos.		ACCEPTED	
2	Brinell cum Rockwell Hardness Tester	Rockwell Test Load : 60,100,150 kg, Brinell Test Load :187.5 and 250 kg ,Max.Test Height : 200~300 mm , With Indentors ,Test pieces and Accessories Machine to meet requirement of IS:2281 ,IS:1586	2 Nos.		ACCEPTED	
3	Izod cum Charpy Impact Tester (Digital)	Pendulum Drop Angle - Charpy : 140 degrees and Izod : 90 degrees ,Pendulum Impact Energy : 300 joules, Minimum Scale Graduation : 2 joules, Test method should confirm to BS131.	2 Nos.		ACCEPTED	
4	Vickers Hardness Tester	Total Loads 5,10,20,30 & 50 kg. Optical Magnification 70X. Max. Test Height 200 to 250 mm .Scale Least count 0.001mm With Indentors, Test pieces and Accessories. Machine to meet requirement of IS:1754	2 Nos.		ACCEPTED	
5	Torsion Tester	Max. torque capacity :100 Nm , Torque Resolution :0.01Nm ,Twist angle : in steps of 0.1 degree ,To test rounds (Max. dia 10 mm) and Flats , Electronic digital display with data acquisition system .	2 Nos.		ACCEPTED	
6	Fatigue Test Rig	Table Model, machine to meet requirement of IS: 5075 Bending moment: 25 to 200 kg.cm ,Testing dia ~10 mm , Accuracy +/- 1% , Digital Display : Eight digits .	2 Nos.		ACCEPTED	
7	Flash And Fire points Equipments (Open cup and closed cup)	Operation method-Manual type-standard Flash and Fire point apparatus.	2 Nos.		ACCEPTED	
8	Redwood Viscometer	With Electronic Digital Indicator and Controller & FHP Motor Stirrer as per IP 70 requirements.	2 Nos.		ACCEPTED	
9	Saybolt Viscometer	Single tube Say bolt Viscometer Electrically. Heating with Control Panel (Double Walled) with Digital Electronic Controller and F.H.P.Stirrer and with standard accessories as per ASTMD-88 requirements.	2 Nos.		ACCEPTED	
10	Thurston Oil Tester	With pressure gauge, RPM indicator, digital thermo meter to measure temperature developed in the bush-shaft range 25-30kg load, starter for the motor, digital RPM indicator and 1/2hp motor	2 Nos.		ACCEPTED	
11	Metallurgical Microscope	To view Microstructures of metallurgical samples with magnification up to 1000X, Work Area 200x150 mm . With polishing process equipments	2 Nos.		ACCEPTED	
12	Magnetic Particle Inspection Equipment	Magnetization Current:1000Amps AC[Max] and 1000Amps HWDC Power Supply:230V 50Hz Portable Type with Standard Accessories	2 Nos.		ACCEPTED	
13	Double disc Grinder / Polisher	Full range control for speed (0-1000 rpm) 200mm disc dia 0.5 HP high torque 220 V single phase Table top model with standard accessories [polishing accessories like emery grits, polishing stand, specimen leveler, Bakelite powder, cold setting compound, lavigated alumina paste etc as complete polishing and specimen preparation kit]	2 Nos.		ACCEPTED	

Note: 1] The bidders must bid for all the items. Partial bid is not acceptable.
2] The quoted price shall include [taxes, transportation, unloading at site and any other charge].
3] Overall lowest price will be L1 bid.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MECHATRONICS LAB EQUIPMENT & ROBOT

BID REF.: GTTC/MCD/TENDER/MECHATRONICS LAB EQUIPMENT & ROBOT/BD-210/2019-20

BIDDING DOCUMENT

October - 2019

LAST DATE FOR SUBMISSION: 08.11.2019,14.00 HRS

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. GST Registration Certificate.

3.Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.

4. Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19

5.The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Copies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Bidder should have completed at least two robotic installation in past 2 years. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded.

7. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

8. Bidder shall quote for all the item. Partial quote is not accepted.

9.The bidders who satisfy the qualification criteria will be given 10-day time to make ready the samples of each item. GTTC Technical team will visit the manufacturers place to check / inspect the items to confirm whether product meets the tender specification. Based on the evaluation report, commercial bid of technically qualified bidder will be opened.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC Chikkodi centre. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order.

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity required during that period.

13 Payments terms: 100% against satisfactory supply and certification from the competent authority.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 5,00,000 /- to be paid through any one of the means as mentioned below.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 08.11.2019 up to 14.00 Hrs.
- Pre- Bid Meeting : 04.11.2019 – 10.30 Hrs.
- Opening of Technical Bids: 11.11.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of the following furniture. 1] Mechatronics Lab Equipment, & Robotic Cell at GTTC Chikkodi. as specified in the Schedule of Requirements.
2. Sources of Funds	*Funds available with Government Tool Room & Training Centre.*

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: GTTC/MCD/TENDER/MECHATRONICS LAB EQUIPMENT & ROBOT /BD-210/2019-20

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**:08.11.2019** Time: Up to **14.00 Hrs**
The technical bid opening shall take place electronically on: **Date: 11.11.2019** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Mechatronics Lab Equipment & Setting up of Robotics Lab	As schedule of Requirement.	5,00,000.00

Mode of EMD payment: -

Rs.5,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

GTTC/MCD/TENDER/MECHATRONICS LAB EQUIPMENT & ROBOT /BD-210/2019-20**Date:25.10.2019**

BEEE LAB EQUIPMENTS		
Sl No	**Product Description**	**Qty**
1	**Dual Power Supply** 0-30V 2A, DUAL CHANNEL DC REGULATED VARIABLE POWER SUPPLY WITH DIGITAL DISPLAY TO READ CURRENT AND VOLTAGE WITH OVERLOAD AND SHORT CIRCUIT PROTECTION	**10**
2	**Digital Milliammeter** MILLIAMMETER(0-200mA) WITH DIGITAL DISPLAY	**10**
3	**Digital Voltmeter** VOLTMETER(0-20V)WITH DIGITAL DISPLAY	**10**
4	**Energy Meter** SINGLE PHASE ENERGY METER ,DIGITAL TYPE(10A 230V 50HZ)	**4**

DE LAB EQUIPMENT LIST		
Sl No	**Product Description**	**Qty.**
1	Digital IC Trainer DIGITAL TRAINER KIT POWER SUPPLY +5VOLTS / 2AMP ,+/- 12VOLTS/500m , 7Segment common Anode inputs ,TTL Clock :1hz,10hz,100hz,1khz. Short circuit protection for power supply.zip socket: 16pin 4-number, 40pin 1 no, input switch:10 numbers, output LEDS with output buffering option and with patch card-15no. Input supply 230 volts 50hz single phase.	04

Analog Electronics Items		
Sl No	**Product Description**	**Qty.**
1	Dual Power Supply 0-30V 2A, DUAL CHANNEL DC REGULATED VARIABLE POWER SUPPLY WITH DIGITAL DISPLAY TO READ CURRENT AND VOLTAGE WITH OVERLOAD AND SHORT CIRCUIT PROTECTION	10
2	Digital Milliammeter MILLIAMMETER(0-200mA) WITH DIGITAL DISPLAY	10
3	Digital Voltmeter	10

	VOLTMETER(0-20V) WITH DIGITAL DISPLAY	
4	FUNCTION GENERATORS WITH DIGITAL DISPLAY WITH 2Hz-2MHz	05

FLUID POWER ENGINEERING LAB , Qty. 1 no.

Sl No	Product Description
-	Electro Pneumatic Trainer Kit with PLC Specification:- The Electro Pneumatic Trainer will be having following /features 1. Electro Pneumatic Trainer with an Aluminium profile with T slots for easy mounting and dismounting of valve plates. Aluminium profile should be double sided mounted on a trolley with castor wheels and drawer set of 4 drawers made up of premium MDF board 2. Compressor, Dryer and compressed air tank of suitable capacity should be provided. The working fluid will be filtered compressed air. The components and valves of the Electro Pneumatic Triner will be of actual industrial standard. No tools will be used for connecting the tubes with fittings. All the pneumatic connections will be of push in type fitting for easy connecting and disconnecting. 3. The Electro Pneumatic Triner will have the suitable flow control valves, pressure control valves, throttle valves, check valves, pressure reducing valve, pilot operated valves, Shuttle valves, two pressure valves, pressure switch, direction control valve (manual and solenoid operated) 4. Trolley (Aluminum Channel) with frame & caster wheels with 6 to 8 Bar Compressor Double acting Cylinder with one-way flow control valve, Two Pressure Valve, Shuttle Valve. Quick Exhaust Valve, Three Way Two Position Knob Operated Direction Control Valve (NC Type), Roller operated, Pilot Operated, Solenoid Operated Types. Push Button 3 Port Valve (NC Type), Five Way Three Position Lever Operated, Double Solenoid & Double pilot Direction Control Valve. Five Way Two Position Single & Double Pilot Direction Control Valve, Five Way Two Position Lever Operated Direction Control Valve, Five Way Two Position Single Solenoid Direction Control Valve, Five Way Two Position Double Solenoid Direction Control Valve, Three Way Two Position Time Delay Valve, Pneumatic motor, Two way Flow control valve, Vacuum generator with Vacuum clamp, FRL Unit (Filter Regulator & Lubricator), Pressure Regulator, Pressure Switch with Digital set point, Pressure Line Manifold, Isolator Block, Electrical Control Panel 1 Set as per DIN standard, Proximity Sensors (Test Voltage 30 V DC max), Plastic Tubing (PU6), PLC with 18 Input and 12 Output with Modbus communication and PLC Ladder download facility.

	MICROCONTROLLER LAB EQUIPMENTS	Qty.
Sl No	Product Description	

	MICROCONTROLLER KIT*8051 FLASH MICROCONTROLLER BOARD (FMC51) *CODE MEMORY :64K BYTES OF FLASH *DATA MEMORY 1024 BYTES OF RAM *3 16 BIT TIMER/CONTER *2 EXT. INTERRUPTS INTO AND INT1 PROVIDED WITH PUSH BUTTON SWITCHES *P0,P1,P2 PORT [illegible] ARE AVILABLE ON TWO 26 PIN FRC CONNECTOR *4 10PIN [illegible]CTOR FOR ALL 32 I/O LINES INTERFACE MODULE(SEPERATE)* [illegible]ER MOTOR MODULE *DC MOTOR MODULE * ADC MODULE AND DAC MODULE *16*2 A LINE ALPHA NUMERIC MODULE *6 DIGIT 7 SEGMENT LED DISPLAY MODULE * TRAFFIC LIGHT *ELEVATOR SIMULATION *PROGRAMABLE RTC CHIP *DTMF TELEPHONE TUNES , PUSH BUTTON SWITCH TO TRIGGER THE TUNE	5 Nos.

Industrial Electronics Lab		
Sl No	Product Description	Qty
1	Characteristics of UJT ,SCR ,DIAC,TRIAC Specification for SCR,TRIAC,DIAC and UJT characteristic kit *trainer kit for VI characteristic of SCR , TRIAC and to find out holding and latching current of SCR and TRIAC *VI characteristic of UJT , DIAC *variable DC power supply from 1.5v to 10v @100m to vary Vg *variable DC power supply from 3.5v to 35 volts @500m to vary VI *One SCR, One UJT, One TRIAC ,One DIAC *25 watts 10k potentiometer for load and 1k potentiometer for gate. *3 no of digital meter to measure e Va, IL and IG *This unit is enclosed in powder coated MS box with screen printed front panel *works directly on 230 volts ac mains.	05
2	SCR triggered by UJT relaxation oscillator this unit consist of 12v/1A,AC supply. 2N 2646 UJT based oscillator to study its characteristics in synchronized and unsynchronized mode. Its application in SCR triggering. Pulse transformer is provided for isolation between power circuit and UJT relaxation oscillator. all points are brought out to front panel for study purpose	05
3	Half wave /full wave unit consist of20v/1amps transformer , RC rectifier , RC component and SCR	05
4	Speed control of DC motor control unit using single phase semi controlled converter to vary the speed of shunt motor from 0-1500 rpm . consist of mcb ,fuse , snubber protection. Field supply bridge rectifier voltmeter and ammeter to measure the voltage and current . controller kit is suitable for 0.5hp/ 220 volts DC shunt motor DC motor 0.5hp/220v-1500rpm	05
5	Control and load circuit for motor starter with on /off switch using two wire method .this panel is used for screen printed poly carbonate panel consist of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel.	05
6	Control and load circuit for motor to rotate it in clock wise and anti clock wise direction switch using two wire method .this panel is used for screen printed poly carbonate panel consist of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel	05
7	Control Circuit using Three wire method with multiple start/stop push buttons. This Panel will be consisting of Screen Printed poly carbonate panel consisitng of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel	05
8	DAS lab software Intefacing card to major voltage, current, resistance, power, temperature and pressure. Above cards will be compatible with Lab View Software. The setup comes with 5 User of Lab veiw software and required Data acquisation cards, sensors etc to perform above experiments.	05

GTTC BANGALORE

Electro Hydraulic Trainer Kit with PLC, Qty : 1 No.	
Sl No	**Product Description**
1	Electro Hydraulic Trainer Kit with PLC. Specifications:- The experimental tables will be having hydraulic power pack unit, panel frame, prime mover (2HP), Hydraulic pump (6 LPM), Hydraulic cylinders, Hydraulic rotary motor, Electric control panels, Valves, Hoses, Fittings, tank etc. Hydraulic Trainer Kit will be having an Aluminum profile with T slots for easy mounting and dismounting of valve plates. Aluminum profile will be double sided and mounted on a trolley with castor wheels and drawer set of 4 drawers made up of premium MDF board. The Hydraulic Trainer Kit will be having the suitable flow control valves, pressure control valves, throttle valves, check valves, pressure reducing valve, relief valve, unloading valve (back pressure valve), pressure switch, direction control valve (manual and solenoid operated). Trolley with frame & caster wheels Two Fixed and Two swiveling Load holding capacity 400 Kg, Hydraulic tank with filter & breather Oil 30 Litre capacity Oil cleanliness Level 8 (With suction filter and return line filter), Three Phase flange mounted electric motor 2 HP -1500 rpm, Variable Frequency Drive for AC Motor, Pressure Gauges o to 100 Bar . Glyseren filled, Gear Pump 6cc/ rev and max Pressure 140 Bar minimum, Manually Operated Hand Pump for pilot Signal, Hydraulic Motor Bidirectional, Pressure Relief Valve (Direct operated relief valve) , Flow Control Valve (Non Pressure Compensated) with Check Valve . Flow Control Valve Pressure Compensated, Pressure Sequence Valve, Pressure Reducing Valve, Four way Two position manually operated direction control valve, Four way Three position manually operated direction control valve - Tandem Center, Four way Three position manually operated direction control valve - Closed Center, Single Acting Cylinder with 100 mm stroke minimum - Test Pressure 160 Bar, Double Acting Cylinder stroke 200 mm minimum Test Pressure 210 Bar (Qty: 02), Check Valve Direct Operated, Single Pilot Operated Check Valve, Needle Valve, Hydraulic Accumulator, Pressure Switch, Four Way Three Position solenoid operated direction control valve (Qty: 03), Proximity Sensors Test Voltage 30 V DC max (Qty: 06), Electrical control panel with all safety precautions and 230 Volts short circuit protection safety as per DIN standard, DC Power supply with modulator and rectifier, PLC software with 18 Input and 12 Output with Modbus communication and PLC Ladder download facility, HMI (8 Inches) Color - For quick selection of experiments, Computer with intel i5 processor and 21 inch monitor with bluetooth keyboard and mouse, Hydraulic Accumulator and Intensifier applicable for Hydraulic press of 5 Tonne Capacity, Hydraulic Proportion Direction Control Valve, Control Card for Hydraulic Proportion Direction Control Valve, Testing kit for Proportional valve NG4 NG 6 mounting, All actuators will be connected with quick release couplings with minimum size of 3/8 inch. Maximum pressure drop across coupling should not be more than 5 Bar. Complete hydraulic system will be operated at a working pressure of 40 Bar. Complete system will be designed to with stand maximum pressure of 100 Bar. The hoses and fitting for connecting Hydraulic Trainer Kit components are of reputed brand to withstand hydraulic pressure at least 100 Bar. Adequate number of spare hoses and fittings etc. will be provided. The Hoses and fittings will have quick release coupling arrangement.

Interfacing Lab Equipment		
Sl No	Product Description	Qty
1	AURDINO UNO KIT ATMEG328P-PU	20
2	LED'S	50
3	RELAYS JQC-3FF-S-Z	10
4	POTENTIOMETER 1K	10
5	IC 74595	10
6	ULTRASONIC SENSOR MODULE-HC	10
7	SERVO MOTOR MODULE	20
8	DC MOTOR FOR AURDINO	20
9	TRANSISTOR TIP 120	20
10	9V BATTERY HW/WATT 6F22 9V	20
11	RGB LED'S	20
12	SOFT POTENTIOMETER FOR AURDINO	20
13	PIEZO ELECTRIC BUZZER	20
14	KNOCK SENSOR	20
15	JUMPER WIRES FOR AURDINO	200
16	USB CABLES	10
17	220 OHM RESISTOR	20

GT&TC BANGALORE

PLC Trainer Kit		
Sl No	Product Description	Qty
01	PLC Trainer Kit PLC Workstation which is floor mounted and made up of Aluminum profiles. MDF Desk should be provided with minimum dimensions of 1500mm x 600mm x 35mm(Thickness) on which two students can work at a time. Four revolving wheels should be provided for easy movement. Computer should be mounted on the workstation. Pedestal with 4 drawers in MDF should be provided with minimum total dimension of (wd-400mm x D-450mm x Ht-550mm), S7 1500 CPU 1511C - 1PN, Digital Inputs: 16, Digital Outputs: 16, Analog Inputs: 5, Analog Outputs: 2, , Siemens Color HMI with Ethernet port, Model: KTP 900 Basic, Siemens Servo Motor, Power: 700W, Motor communication: Profinet, Suitable Sensors, Buttons, Switches, Indicators & relays	7
02	ELEVATOR MODULE, TRAFFIC MODULE, WATER LEVEL CONTROLLER MODULE, STAIRCASE MODULE, CONVEYOR MODULE	7

ROBOTICS CELL

Specification & Features

1.Handling Robot Specifications

Description	Specification
Type	Articulated Type
Controlled axis	6-axes(J1,J2,J3,J4,J5,J6)
Reach	911mm
Installation	Floor, Upside-down, (Angle mount)
Motion range	340º/360º (option) (370º/sec) 5.93rad/6.28rad(option) (6.45rad/sec)
	245º (310º/sec)4.28rad (5.41rad/sec)
	430° (410°/sec)6.51rad (4.71rad/sec)
	380° (450°/sec)7.50rad (7.15rad/sec)
	250° (545°/sec)4.36rad (9.51rad/sec)
	720° (1000°/sec)12.57rad (17.45rad/sec)
Max. load capacity Wrist	7Kg
Drive method	Electric servo drive by AC servo motor
Repeatability	±0.03mm
Approx Weight of machine unit	30 kg
Dust proof and drip proof mechanism	Conform to IP67
Acoustic noise level	64.7Db
Installation environment	Ambient temperature: 0 - 45°C Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed. Short time (within one month) Max 95%RH Height: Up to 1,000 meters above the sea level required, no particular provision for posture. Vibration: 0.5G or less

2.Welding Robot Specifications

Description	Specification
Type	Articulated Type
Controlled axis	6-axes(J1,J2,J3,J4,J5,J6)
Reach	911mm
Installation	Floor, Upside-down, (Angle mount)
Motion range	340º/360º (option) (370º/sec) 5.93rad/6.28rad(option) (6.45rad/sec)
	245º (310º/sec)4.28rad (5.41rad/sec)
	430° (410°/sec)6.51rad (4.71rad/sec)
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Approx Weight of machine unit	30 kg
Dust proof and drip proof mechanism	Conform to IP67
Acoustic noise level	64.7Db
Installation environment	Ambient temperature: 0 - 45°C Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed. Short time (within one month) Max 95%RH Height: Up to 1,000 meters above the sea level required, no particular provision for posture. Vibration: 0.5G or less
Input power source	200-230VAC +10% -15% 50/60Hz ±1Hz, 3 phases
Input power source capacity	1.2KVA
Average power consumption	0.5KW
Permissible ambient temperature	Operating 0℃ to 45°C Storage, Transport -20°C to 60°C Temperature change 0.3°C/minute or less
Permissible ambient humidity	Normal: 75%RH or less, no condensation Short period (less than 1 month): 95%RH or less, no condensation
Vibration	0.5G or less When using the controller
Weight of controller, Protection	40kg, IP54
Welding Power Source	350 W
Welding Torch	Binzel Torch or equivalent

Features /Overview/Brief Description of Robotic Cell

1. Robot Welding and Handling Cell:

- Automatic Welding and Handling Cell with 2 Robots and 3D Vision Sensor System along with Input and Output Conveyor. Robot and Vision System is from Fanuc.
- Both robots will work in collaboration with each other.
- First robot will carry out the handling function whereas second robot will carry out the welding operation. Proper fixture will be provided where the first robot will hold the specimen and the second robot will execute the welding operation.
- First robot will pick up the job from first conveyor and place it on the assembly table where second job will be placed in an appropriate fixture. Second robot will weld the two jobs together. First robot will pick the assembled part and place it on the output conveyor. Then, first robot will pick up the empty fixture and place it in a bin. Similarly, it will pick up next fixture with specimen from second conveyor and place it on the work table.
- Conveyors will work in collaboration with robots and they will automatically feed the jobs to all robots.
- Minimum weight of all jobs will be 3 Kg.
- Robot will sense the exact orientation of the job in 3 dimension and align itself accordingly
- Students / trainers will be able to change the program as well as the raw jobs
- Necessary sensors and limit switches will be provided to avoid any accident
- Fencing will be provided with necessary access and sufficient visibility.

- Glass / Acrylic structure will be provided with maximum visibility and necessary access. Size of this enclosure will be 3000mm x 4000mm x 3000mm
- Every Robot to have Independent Teach Pendant with provision of Easy disconnection of Teach Pendant with Robot.
- Welding Power Source of 350A to be integrated with Robot along with Torch. In case of collisions, easy provision of Torch recovery without manual intervention.
- Entire Cell to be Automated through PLC / Integrated PLC of Robot.

2. ROBOT CONTROLLER STANDARDS

a) Controller cabinet to have standard IEC/EN certification of IP54 or above protection enclosure
b) Will have Teach Pendant bracket for holding teach Pendant
c) The Cabinet door will be able to open with ease when Teach Pendant & Cables are in their Brackets
d) Robot I/P power: 200V/50 Hz: Capable of Voltage fluctuation -15% up to +10%
e) Ethernet Ports: 2 Ports: 2 RJ45 ports for DLR & Other standard M12 connector
f) Timed Power Removal: The robot will automatically remove servo power & apply the brake after a particular user defined time of no motion for power saving.
g) Teach Pendant removal: Teach Pendant disconnect facility will be provided in all the Robots so that it can run without TP.
h) Teach Pendant cable: Pendant cables will be terminated in connectors at both the end & will be easily able to attach or detach. Cable will be highly flexible & will be spatter proof.
i) Software in Controller: All Weld Line Robot will have software’s (for ARC Weld torch/ARC Welding/torch recovery function, etc.)
j) Robot will have Soft float feature which will allow the robot to help in critical loading of parts by freezing an axis of robot and reducing its resistance.
k) Robot will have 2D vision system equipped with 2D multi-view vision process to detect the orientation of the part for better efficiency of part picking. Robot will

have all in one sensor head with camera, lens, enclosure and LED light with IP67 level protection including LED light against dust & water.

l) Robot will have 3D Laser vision sensor for 3 Dimensional measurements with structured light method. It will serve automatic recognition of randomly placed parts in the bin.

m) Robot will have Anti-defect vision process function which will allow robot to carry out mistake proofing.

n) Arc Easy Smart Quick Recovery: Torch Guard minimize the damage of a weld torch during collision. Therefore, any mechanical shock sensors are not needed. Torch Mate can automatically set TCP again by easy calibration tool.

o) Web server: Will have inbuilt feature for web connectivity for online diagnostic etc.

p) I/O handling capacity: It will have minimum 1024DI/1024DO handling capacity to control the I/O's on Gripper / Gun / torch recovery etc.

q) Robot Controller model: Fanuc Make Robot controller will be provided with the setup.

r) Integrated ladder function & Ladder Edit function: This function enables using PLC in the Robot controller. By executing ladder programs, I/O can be independently controlled of program execution inside robot controller. This function enables editing ladder on teach Pendant. Address, symbols and nets can be changed.

s) HMI device: This function communicates with Complicity by SNPX protocol via Ethernet / RS-232-C.

t) Arc Abnormal Monitor: This function always monitors values of voltage and current during welding, and if their values exceed specified ranges (WARN limit and STOP limit), this function informs the operator quickly.

u) ASCII Upload function: This function loads the programs written in ASCII format. Usually, robot programs made in PC cannot be loaded on the controller without converting by our software. This function enables loading programs made in text editor in ASCII format without converting.

v) Intelligent Interference Check: When a distance between robots or between a robot and a fixture become a specified distance or less, this function stop robots automatically. It is possible to prevent interference between robots in different controllers by using the Ethernet

communication between controllers. This function is helpful to prevent interference between robots or between a robot and a fixture by miss-operation at teaching or mistake of interlock.

w) Master/Slave: Robot to have Master/Slave functionality. For Robot, PLC will be Master & will communicate on Ethernet/IP. And Robot will serve as master for all the tools/Grippers I/O's attached to Robot & it will communicate through Ethernet network.

x) Number of Slaves connectivity: Controller will be able to connect to at-least 20 number of slaves (Robot Hand Tools). These slaves/Tools (nodes) will be activated or deactivated through Robot controller when it is attached or detached through ATC.

y) Recovery from Power failure: Robots will recover from power failures automatically without any human intervention. It will continue running from the point where it was stopped. All the I/O status before power failure will remain same after power recovery. It will recover from power failure in not more than 30 seconds.

z) Path Control: Robot path will not be speed dependent & will follow the pre-defined path in any speed low or high.

aa) Collision detection: Collision detection feature will be able to activate or deactivate in program & able to change the sensitivity based on the application. It will get adjusted based on the programmed payload selected. It will be functional in all the modes (T1 low speed, T2 medium speed, Auto 100% speed).

bb) Auto payload identification: Robot will be able to determine the payload automatically & in-case of overload will show the respective errors.

cc) Emergency stop: E-stop buttons will be located both on Teach Pendant as well as on controller. E-stop Push Button will be red mushroom type & self-latching with a twist to release. It will have internal as well as external controlled dual channel safety monitoring inputs to stop the Robot when pressed. When pressed, it will override all other program/functions & will be executed at top most priority.

ROBOT Manipulator STANDARDS

a) Bare Robot without controller & with Servo Motors is termed as manipulators
b) It will have hard stopper at J1, J2 & J3 axis to stop the Rotary motion of Robot when limits get exceeded.
c) Provision on J3-J4 Arm for mounting Standard dress pack brackets & Cables termination brackets.

ROBOT ARM STANDARD REQUIREMENT

a) Will have hollow arm J3 axis for cable routing for ARC Welding Application.
b) Air hose & Cables required for Torch/Gripper will be guided properly in a protected flexible cover/duct from Interface plate at Robot base to 2nd Interface plate at Robot Shoulder/hip on J3 axis.
c) +All wear & tear cables will be replaceable within 20minutes, with no more than 2 persons
d) All the cables & Hose pipes will be of Robotic application grade.

Warranty & Support

a) *Warranty:* Complete Robotic system supplied will have a comprehensive warranty on *24* months from the date of dispatch. During warranty supplier will provide free technical support & provide the replacement of the any faulty part within 12hrs from the reported breakdown time.
b) *Spares storage:* will maintain all the spares at their respective zone office which will be able to get deliver within 5hrs of travel time. All spares to be maintained at supplier end during Warranty period as well as after end of warranty term & will be get available as & when required.
c) *Installation & Commissioning Support:* will provide I & C support for 15 man-days for Robot configuration & Interface with PLC related work.

Training & Documentation

a) Basic Training: Supplier to provide an onsite training for 60 days Hands on Robot training.
b) Both Hard copies and soft copies of all robot related manuals to be provided.
c) Reputed make stabilizer of 20KVA to be provided.
d) Compressor of minimum 100Ltr tank and 7 bar measure capacity to be provided.
e) Necessary Fixtures for welding to be mounted on a suitable table.

Major Components that is covered:

- Fanuc Pick and place Industrial Robot with 10Kg payload capacity and industrial end effector
- Fanuc Welding Robot with Industrial Welding Torch
- Siemens Industrial PLC – S7 1500 for system integration
- Siemens WinCC Professional – Siemens SCADA

- Fanuc Vision Inspection System to detect and autocorrect raw job orientation

The Process:

- Pick and place operation with Fanuc Pick and Place Robot
- Welding operation with Welding Robot
- Pick and place operation in synchronisation with Loading conveyor
- Welding operation in synchronisation with Pick and Place robot and loading as well as unloading conveyor
- Complete process simulation with two Fanuc robots and three conveyors working in synchronisation with each other
- Students can operate each and every equipment in individual mode as well as in integration mode.
- They can select the number of equipment that are to be operated in integration mode
- Students can carry out the robot teaching either through teach pendant or directly from the coordinates generated from simulation software – Roboguide
- Various Experiments:

1. Pick and Place
2. Welding
3. Machine Loading (Pneumatic vice and Pneumatic Chuck)
4. Assembly Operation
5. Pick and place with Vision inspection system
6. Integration of Vision inspection system with Robot
7. Integration of Vision inspection system with PLC, SCADA and Robot
8. Operation with SCAD, PLC and HMI

The Robotic Cell:

- The robotic cell is a complete cell of 4m x 4m dimensions covered with fencing up to 4 feet in height
- Fencing is equipped with necessary door locking sensors which are integrated with robots
- Robot 1: Fanuc M-10iD/12 (12 KG Payload / 1.4 Mtr Reach)
- Robot 2: Fanuc ArcMate 100iD
- Necessary Robot Mounting Fixtures
- Fanuc vision inspection system for Fanuc RM – 10iD which can identify the orientation of raw material to make sure that assembly on welding fixture is carried out with required accuracy
- Welding table with welding fixture
- Pneumatic vice and Pneumatic chuck for machine loading / Unloading operation
- Siemens PLC – S7 1500, Siemens SCADA (WinCC Professional) and Siemens HMI (KTP 900 Basic) for user operation and complete process automation / integration

CONVEYORS AND OTHER ACCESSORIES OF ROBOTICS LAB

Sl No	Product Description	Qty	
1	**Load Carrying Conveyors** (as per specification in annexure 3) • **Material Loading Conveyor 1: 80mm x 5 meter flexbelt conveyor** • **Material Loading Conveyor 2: 80mm x 5 meter flexbelt conveyor** • **Material Unloading conveyor 3: 80mm x 5 meter flexbelt conveyor**	3	
2	**FANUC ROBOGUIDE Academic Simulation Software** ROBOGUIDE is the leading of offline programming product on the market for FANUC robots. The ROBOGUIDE family of process focused software packages allows users to create, program and simulate a robotic workcell in 3-D without the physical need and expense of a prototype workcell setup. With virtual robots and workcell models, of offline program- ming with ROBOGUIDE reduces risk by enabling visualization of single and multi-robot workcell layouts before actual installation.	30 User License	
3	Color Based Sorting Station with mounting base.	1 Set	
4	Shape Based Sorting Station with mounting base.	1 Set	
5	**Robot system engineering** This Covers Robot pedestal, Chemical Grouting accessories, Grippers and accessories, Adaptor, fingers and mechanical accessories, Fixture for clamping components, Electrical interface & safety plug, 20kVA Servo Stabiliser, Pneumatic Compressor (7 Bar, 100 Ltr), Pneumatic interfaces, Installation, commissioning and training.	1 Set	

Conveyor Specifications

Parameter	Specifications
Conveyor Travel	2 meter
Motor Type	AC Motor
Motor Capacity	1 HP
Speed Control of Conveyor	Through VFD
Operation	In collaboration with robots
Payload Capacity	80 Kg

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – Chikkodi, Belagavi District.
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms: 100% against satisfactory supply and certification from the competent authority.
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF MECHATRONICS LAB EQUIPMENTS & ROBOT

GTTC/MCD/TENDER/ MECHATRONICS LAB EQUIPMENT & ROBOT /BD-210/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Mechatronics Lab Equipment & Setting up of Robotics Lab	As per schedule of requirement.	5,00,000.00

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 25.10.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5] Pre- Bid meeting: 04.11.2019 - 10.30 AM at GTTC Bangalore

6. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.08.11.2019, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.**11.11.2019 after 15.00 Hrs.

Bid Ref. No.: GTTC/MCD/TENDER/MECHATRONICS LAB EQUIPMENT & ROBOT/BD-210/2019-20

(Should be uploaded along with the Technical bid)

Bidder Name:

Model offered: | **Delivery Required:**

Delivery Offered:

PROCUREMENT OF MECHATRONICS LAB EQUIPMENT & ROBOT

BEEE LAB EQUIPMENTS

Sl No	Product Description	Qty	Acceptance of required Specification	If 'Not Accepted' alternate specification
1	**Dual Power Supply** 0-30V 2A, DUAL CHANNEL DC REGULATED VARIABLE POWER SUPPLY WITH DIGITAL DISPLAY TO READ CURRENT AND VOLTAGE WITH OVERLOAD AND SHORT CIRCUIT PROTECTION	**10**	ACCEPTED	
2	**Digital Milliammeter** MILLIAMMETER(0-200mA) WITH DIGITAL DISPLAY	**10**	ACCEPTED	
3	**Digital Voltmeter** VOLTMETER(0-20V)WITH DIGITAL DISPLAY	**10**	ACCEPTED	
4	**Energy Meter** SINGLE PHASE ENERGY METER ,DIGITAL TYPE(10A 230V 50HZ)	**4**	ACCEPTED	

DE LAB EQUIPMENT LIST

Sl No	Product Description	Qty.	
1	Digital IC Trainer DIGITAL TRAINER KIT POWER SUPPLY +5VOLTS / 2AMP ,+/- 12VOLTS/500m , 7Segment common Anode inputs ,TTL Clock :1hz,10hz,100hz,1khz. Short circuit protection for power supply.zip socket: 16pin 4-number, 40pin 1 no, input switch:10 numbers, output LEDS with output buffering option and with patch card-15no. Input supply 230 volts 50hz single phase.	4	ACCEPTED

Analog Electronics Items

Sl No	Product Description	Qty.	
1	Dual Power Supply 0-30V 2A, DUAL CHANNEL DC REGULATED VARIABLE POWER SUPPLY WITH DIGITAL DISPLAY TO READ CURRENT AND VOLTAG	10	ACCEPTED
	Digital Milliammeter		

2	MILLIAMMETER(0-200mA) WITH DIGITAL DISPLAY	10	ACCEPTED
3	Digital Voltmeter VOLTMETER(0-20V) WITH DIGITAL DISPLAY	10	ACCEPTED
4	FUNCTION GENERATORS WITH DIGITAL DISPLAY WITH 2Hz-2MHz	5	ACCEPTED

FLUID POWER ENGINEERING LAB , Qty. 1 no.			
Sl No	**Product Description**		
1	Electro Pneumatic Trainer Kit with PLC Specification:- The Electro Pneumatic Trainer will be having following /features		ACCEPTED
	1. Electro Pneumatic Trainer with an Aluminium profile with T slots for easy mounting and dismounting of valve plates. Aluminium profile should be double sided mounted on a trolley with castor wheels and drawer set of 4 drawers made up of premium MDF board		ACCEPTED
	2. Compressor, Dryer and compressed air tank of suitable capacity should be provided. The working fluid will be filtered compressed air. The components and valves of the Electro Pneumatic Triner will be of actual industrial standard. No tools will be used for connecting the tubes with fittings. All the pneumatic connections will be of push in type fitting for easy connecting and disconnecting.		ACCEPTED
	3. The Electro Pneumatic Triner will have the suitable flow control valves, pressure control valves, throttle valves, check valves, pressure reducing valve, pilot operated valves, Shuttle valves, two pressure valves, pressure switch, direction control valve (manual and solenoid operated)		ACCEPTED
	4. Trolley (Aluminum Channel) with frame & caster wheels with 6 to 8 Bar Compressor Double acting Cylinder with one-way flow control valve, Two Pressure Valve, Shuttle Valve. Quick Exhaust Valve, Three Way Two Position Knob Operated Direction Control Valve (NC Type), Roller operated, Pilot Operated, Solenoid Operated Types. Push Button 3 Port Valve (NC Type), Five Way Three Position Lever Operated, Double Solenoid & Double pilot Direction Control Valve. Five Way Two Position Single & Double Pilot Direction Control Valve, Five Way Two Position Lever Operated Direction Control Valve, Five Way Two Position Single Solenoid Direction Control Valve, Five Way Two Position Double Solenoid Direction Control Valve, Three Way Two Position Time Delay Valve, Pneumatic motor, Two way Flow control valve, Vacuum generator with Vacuum clamp, FRL Unit (Filter Regulator & Lubricator), Pressure Regulator, Pressure Switch with Digital set point, Pressure Line Manifold, Isolator Block, Electrical Control Panel 1 Set as per Dnted electric motor 2 HP -1500 rpm, Variable Frequency Drive for AC Motor, Pressure Gauges o to 100 Bar . Glyseren filled, Gear Pump 6cc/ rev and max Pressure 140 Bar m		ACCEPTED

MICROCONTROLLER LAB EQUIPMENTS		Qty.	
Sl No	**Product Description**		
01	MICROCONTROLLER KIT*8051 FLASH MICROCONTROLLER BOARD (FMC51) *CODE MEMORY :64K BYTES OF FLASH *DATA MEMORY 1024 BYTES OF RAM *3 16 BIT TIMER/CONTER *2 EXT. INTERRUPTS INTO AND INT1 PROVIDED WITH PUSH BUTTON SWITCHES *P0,P1,P2 PORT LINES ARE AVILABLE ON TWO 26 PIN FRC CONNECTOR *4 10PIN CONNECTOR FOR ALL 32 I/O	5 Nos	ACCEPTED

01	LINES INTERFACE MODULE(SEPERATE)* STEPPER MOTOR MODULE *DC MOTOR MODULE * ADC MODULE AND DAC MODULE *16*2 A LINE ALPHA NUMERIC MODULE *6 DIGIT 7 SEGMENT LED DISPLAY MODULE * TRAFFIC LIGHT *ELEVATOR SIMULATION *PROGRAMABLE RTC CHIP *DTMF TELEPHONE TUNES , PUSH BUTTON SWITCH TO TRIGGER THE TUNE	5 Nos.	ACCEPTED

Industrial Electronics Lab			
Sl No	**Product Description**	**Qty**	
1	Characteristics of UJT ,SCR ,DIAC,TRIAC Specification for SCR,TRIAC,DIAC and UJT characteristic kit *trainer kit for VI characteristic of SCR , TRIAC and to find out holding and latching current of SCR and TRIAC *VI characteristic of UJT , DIAC *variable DC power supply from 1.5v to 10v @100m to vary Vg *variable DC power supply from 3.5v to 35 volts @500m to vary VI *One SCR, One UJT, One TRIAC ,One DIAC *25 watts 10k potentiometer for load and 1k potentiometer for gate. *3 no of digital meter to measure e Va, IL and IG *This unit is enclosed in powder coated MS box with screen printed front panel *works directly on 230 volts ac mains.	5	ACCEPTED
2	SCR triggered by UJT relaxation oscillator this unit consist of 12v/1A,AC supply. 2N 2646 UJT based oscillator to study its characteristics in synchronized and unsynchronized mode. Its application in SCR triggering. Pulse transformer is provided for isolation between power circuit and UJT relaxation oscillator. all points are brought out to front panel for study purpose	5	ACCEPTED
3	Half wave /full wave unit consist of20v/1amps transformer , RC rectifier , RC component and SCR	5	ACCEPTED
4	Speed control of DC motor control unit using single phase semi controlled converter to vary the speed of shunt motor from 0-1500 rpm . consist of mcb ,fuse , snubber protection. Field supply bridge rectifier voltmeter and ammeter to measure the voltage and current . controller kit is suitable for 0.5hp/ 220 volts DC shunt motor DC motor 0.5hp/220v-1500rpm	5	ACCEPTED
5	Control and load circuit for motor starter with on /off switch using two wire method .this panel is used for screen printed poly carbonate panel consist of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel	5	ACCEPTED
6	Control and load circuit for motor to rotate it in clock wise and anti clock wise direction switch using two wire method .this panel is used for screen printed poly carbonate panel consist of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel	5	ACCEPTED
7	Control Circuit using Three wire method with multiple start/stop push buttons. This Panel will be consisting of Screen Printed poly carbonate panel consisitng of mcb ,inductor ,fuses, switches ,indicator and associated components with all terminals brought out on the front panel for inter connection . 3phase/ 0.5hp/1440rpm induction motor will be provided along with the panel	5	ACCEPTED
8	DAS lab software Intefacing card to major voltage, current, resistance, power, temperature and pressure. Above cards will be compatible with Lab View Software.	5	ACCEPTED

8	The setup comes with 5 User of Lab veiw software and required Data acquisation cards, sensors etc to perform above experiments.	5	ACCEPTED

Electro Hydraulic Trainer Kit with PLC, Qty : 1 No.			
Sl No	**Product Description**		
1	Electro Hydraulic Trainer Kit with PLC. Specifications:- The experimental tables will be having hydraulic power pack unit, panel frame, prime mover (2HP), Hydraulic pump (6 LPM), Hydraulic cylinders, Hydraulic rotary motor, Electric control panels, Valves, Hoses, Fittings, tank etc. Hydraulic Trainer Kit will be having an Aluminum profile with T slots for easy mounting and dismounting of valve plates. Aluminum profile will be double sided and mounted on a trolley with castor wheels and drawer set of 4 drawers made up of premium MDF board. The Hydraulic Trainer Kit will be having the suitable flow control valves, pressure control valves, throttle valves, check valves, pressure reducing valve, relief valve, unloading valve (back pressure valve), pressure switch, direction control valve (manual and solenoid operated). Trolley with frame & caster wheels Two Fixed and Two swiveling Load holding capacity 400 Kg, Hydraulic tank with filter & breather Oil 30 Litre capacity Oil cleanliness Level 8 (With suction filter and return line filter), Three Phase flange mounted electric motor 2 HP -1500 rpm, Variable Frequency Drive for AC Motor, Pressure Gauges o to 100 Bar . Glyseren filled, Gear Pump 6cc/ rev and max Pressure 140 Bar minimum, Manually Operated Hand Pump for pilot Signal, Hydraulic Motor Bidirectional, Pressure Relief Valve (Direct operated relief valve) , Flow Control Valve (Non Pressure Compensated) with Check Valve . Flow Control Valve Pressure Compensated, Pressure Sequence Valve, Pressure Reducing Valve, Four way Two position manually operated direction control valve, Four way Three position manually operated direction control valve - Tandem Center, Four way Three position manually operated direction control valve - Closed Center, Single Acting Cylinder with 100 mm stroke minimum - Test Pressure 160 Bar, Double Acting Cylinder stroke 200 mm minimum Test Pressure 210 Bar (Qty: 02), Check Valve Direct Operated, Single Pilot Operated Check Valve, Needle Valve, Hydraulic Accumulator, Pressure Switch, Four Way Three Position solenoid operated direction control valve (Qty: 03), Proximity Sensors Test Voltage 30 V DC max (Qty: 06), Electrical control panel with all safety precautions and 230 Volts short circuit protection safety as per DIN standard, DC Power supply with modulator and rectifier, PLC software with 18 Input and 12 Output with Modbus communication and PLC Ladder download facility, HMI (8 Inches) Color - For quick selection of experiments, Computer with intel i5 processor and 21 inch monitor with bluetooth keyboard and mouse, Hydraulic Accumulator and Intensifier applicable for Hydraulic press of 5 Tonne Capacity, Hydraulic Proportion Direction Control Valve, Control Card for Hydraulic Proportion Direction Control Valve, Testing kit for Proportional valve NG4 NG 6 mounting, All actuators will be connected with quick release couplings with minimum size of 3/8 inch. Maximum pressure drop across coupling should not be more than 5 Bar. Complete hydraulic system will be operated at a working pressure of 40 Bar. Complete system will be designed to with stand maximum pressure of 100 Bar. The hoses and fitting for connecting Hydraulic Trainer Kit components are of reputed brand to withstand hydraulic pressure at least 100 Bar. Adequate number of spare hoses and fittings etc. will be provided. The Hoses and fittings will have quick release coupling arrangement.		ACCEPTED

Interfacing Lab Equipment			
Sl No	**Product Description**	**Qty**	
1	AURDINO UNO KIT ATMEG328P-PU	20	ACCEPTED
2	LED’S	50	ACCEPTED
3	RELAYS JQC-3FF-S-Z	10	ACCEPTED
4	POTENTIOMETER 1K	10	ACCEPTED

5	IC 74595	10	ACCEPTED
6	ULTRASONIC SENSOR MODULE-HC	10	ACCEPTED
7	SERVO MOTOR MODULE	20	ACCEPTED
8	DC MOTOR FOR AURDINO	20	ACCEPTED
9	TRANSISTOR TIP 120	20	ACCEPTED
10	9V BATTERY HW/WATT 6F22 9V	20	ACCEPTED
11	RGB LED'S	20	ACCEPTED
12	SOFT POTENTIOMETER FOR AURDINO	20	ACCEPTED
13	PIEZO ELECTRIC BUZZER	20	ACCEPTED
14	KNOCK SENSOR	20	ACCEPTED
15	JUMPER WIRES FOR AURDINO	200	ACCEPTED
16	USB CABLES	10	ACCEPTED
17	220 OHM RESISTOR	20	ACCEPTED

PLC Trainer Kit

Sl No	Product Description	Qty.	
01	PLC Trainer Kit PLC Workstation which is floor mounted and made up of Aluminum profiles. MDF Desk should be provided with minimum dimensions of 1500mm x 600mm x 35mm(Thickness) on which two students can work at a time. Four revolving wheels should be provided for easy movement. Computer should be mounted on the workstation. Pedestal with 4 drawers in MDF should be provided with minimum total dimension of (wd-400mm x D-450mm x Ht-550mm), S7 1500 CPU 1511C - 1PN, Digital Inputs: 16, Digital Outputs: 16, Analog Inputs: 5, Analog Outputs: 2, , Siemens Color HMI with Ethernet port, Model: KTP 900 Basic, Siemens Servo Motor, Power: 700W, Motor communication: Profinet, Suitable Sensors, Buttons, Switches, Indicators & relays	7	ACCEPTED
02	ELEVATOR MODULE, TRAFFIC MODULE,WATER LEVEL CONTROLLER MODULE,STAIRCASE MODULE,CONVEYOR MODULE	7	ACCEPTED

ROBOTICS CELL
Specification & Features

1.Handling Robot Specifications, Qty. 1No.

Description	Specification	
Type	Articulated Type	ACCEPTED
Controlled a	6-axes(J1,J2,J3,J4,J5,J6)	ACCEPTED
Reach	911mm	ACCEPTED
Installation	Floor, Upside-down, (Angle mount)	ACCEPTED
	340º/360º (option) (370º/sec) 5.93rad/6.28rad(option) (6.45rad/sec)	ACCEPTED

Motion range	245º (310º/sec)4.28rad (5.41rad/sec)	ACCEPTED
	430° (410°/sec)6.51rad (4.71rad/sec)	ACCEPTED
	380° (450°/sec)7.50rad (7.15rad/sec)	ACCEPTED
	250° (545°/sec)4.36rad (9.51rad/sec)	ACCEPTED
	720° (1000°/sec)12.57rad (17.45rad/sec)	ACCEPTED
Max. load capacity	7Kg	ACCEPTED
Drive metho	Electric servo drive by AC servo motor	ACCEPTED
Repeatability	±0.03mm	ACCEPTED
Approx Weig	30 kg	ACCEPTED
Dust proof and drip proof	Conform to IP67	ACCEPTED
Acoustic noi	64.7Db	ACCEPTED
Installation e	Ambient temperature: 0 - 45°C	ACCEPTED
	Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed.	ACCEPTED
	Short time (within one month) Max 95%RH	ACCEPTED
	Height: Up to 1,000 meters above the sea level required,	ACCEPTED
	no particular provision for posture.	ACCEPTED
	Vibration: 0.5G or less	ACCEPTED

2.Welding Robot Specifications, Qty. 1No.

Description	Specification	
Type	Articulated Type	ACCEPTED
Controlled a:	6-axes(J1,J2,J3,J4,J5,J6)	ACCEPTED
Reach	911mm	ACCEPTED
Installation	Floor, Upside-down, (Angle mount)	ACCEPTED
Motion range	340º/360º (option) (370º/sec) 5.93rad/6.28rad(option) (6.45rad/sec)	ACCEPTED
	245º (310º/sec)4.28rad (5.41rad/sec)	ACCEPTED
	430° (410°/sec)6.51rad (4.71rad/sec)	ACCEPTED
	380° (450°/sec)7.50rad (7.15rad/sec)	ACCEPTED
	250° (545°/sec)4.36rad (9.51rad/sec)	ACCEPTED
	720° (1000°/sec)12.57rad (17.45rad/sec)	ACCEPTED
Max. load capacity Wrist	7Kg	ACCEPTED
Drive metho	Electric servo drive by AC servo motor	ACCEPTED

Repeatability	±0.03mm	ACCEPTED
Approx Weig	30 kg	ACCEPTED
Dust proof and drip proof mechanism	Conform to IP67	ACCEPTED
Acoustic noi	64.7Db	ACCEPTED
Installation e	Ambient temperature: 0 - 45°C	ACCEPTED
	Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed.	ACCEPTED
	Short time (within one month) Max 95%RH	ACCEPTED
	Height: Up to 1,000 meters above the sea level required,	ACCEPTED
	no particular provision for posture.	ACCEPTED
	Vibration: 0.5G or less	ACCEPTED
Input power	200-230VAC +10% -15%	ACCEPTED
	50/60Hz ±1Hz, 3 phases	ACCEPTED
Input power source capacity	1.2KVA	ACCEPTED
Average po	0.5KW	ACCEPTED
Permissible	Operating 0 to 45°C Storage, Transport -20°C to 60°C Temperature change 0.3°C/minute or less	ACCEPTED
Permissible	Normal: 75%RH or less, no condensation Short period (less than 1 month): 95%RH or less, no condensation	ACCEPTED
Vibration	0.5G or less When using the controller	ACCEPTED
Weight of co	40kg, IP54	ACCEPTED
Welding Pov	350 W	ACCEPTED
Welding Tor	Binzel Torch or equivalent	ACCEPTED

CONVEYORS AND OTHER ACCESSORIES OF ROBOTICS LAB

Sl No	Product Description	Qty	
1	**Load Carrying Conveyors** (as per specification in annexure 3)	3	ACCEPTED
	• **Material Loading Conveyor 1: 80mm x 5 meter flexbelt conveyor**		ACCEPTED
	• **Material Loading Conveyor 2: 80mm x 5 meter flexbelt conveyor**		ACCEPTED
	• **Material Unloading conveyor 3: 80mm x 5 meter flexbelt conveyor**		ACCEPTED

2	**FANUC ROBOGUIDE Academic Simulation Software** ROBOGUIDE is the leading of offline programming product on the market for FANUC robots. The ROBOGUIDE family of process focused software packages allows users to create, program and simulate a robotic workcell in 3-D without the physical need and expense of a prototype workcell setup. With virtual robots and workcell models, of offline program- ming with ROBOGUIDE reduces risk by enabling visualization of single and multi-robot workcell layouts before actual installation.	30 User License	ACCEPTED ACCEPTED
3	Color Based Sorting Station with mounting base.	1 Set	ACCEPTED
4	Shape Based Sorting Station with mounting base.	1 Set	ACCEPTED
5	**Robot system engineering** This Covers Robot pedestal, Chemical Grouting accessories, Grippers and accessories, Adaptor, fingers and mechanical accessories, Fixture for clamping components, Electrical interface & safety plug, 20kVA Servo Stabiliser, Pneumatic Compressor (7 Bar, 100 Ltr), Pneumatic interfaces, Installation, commissioning and training.	1 Set	ACCEPTED

ıveyor Specifications

Parameter	Specifications
Conveyor Travel	2 meter
Motor Type	AC Motor
Motor Capacity	1 HP
Speed Control of	Through VFD
Operation	In collaboration with robots
Payload Capacity	80 Kg

Features /Overview/Brief Description of Robotic Cell

1. Robot Welding and Handling Cell:
   - Automatic Welding and Handling Cell with 2 Robots and 3D Vision Sensor System along with Input and Output Conveyor. Robot and Vision System is from Fanuc.
   - Both robots will work in collaboration with each other.
   - First robot will carry out the handling function whereas second robot will carry out the welding operation. Proper fixture will be provided where
   - First robot will pick up the job from first conveyor and place it on the assembly table where second job will be placed in an appropriate fixture.
   - Conveyors will work in collaboration with robots and they will automatically feed the jobs to all robots.
   - Minimum weight of all jobs will be 3 Kg.
   - Robot will sense the exact orientation of the job in 3 dimension and align itself accordingly
   - Students / trainers will be able to change the program as well as the raw jobs
   - Necessary sensors and limit switches will be provided to avoid any accident
   - Fencing will be provided with necessary access and sufficient visibility.
   - Glass / Acrylic structure will be provided with maximum visibility and necessary access. Size of this enclosure will be 3000mm x 4000mm x 3000mm
   - Every Robot to have Independent Teach Pendant with provision of Easy disconnection of Teach Pendant with Robot.

- Welding Power Source of 350A to be integrated with Robot along with Torch. In case of collisions, easy provision of Torch recovery without manual intervention.
- Entire Cell to be Automated through PLC / Integrated PLC of Robot.

2. ROBOT CONTROLLER STANDARDS

a) Controller cabinet to have standard IEC/EN certification of IP54 or above protection enclosure

b) Will have Teach Pendant bracket for holding teach Pendant

c) The Cabinet door will be able to open with ease when Teach Pendant & Cables are in their Brackets

d) Robot I/P power: 200V/50 Hz: Capable of Voltage fluctuation -15% up to +10%

e) Ethernet Ports: 2 Ports: 2 RJ45 ports for DLR & Other standard M12 connector

f) Timed Power Removal: The robot will automatically remove servo power & apply the brake after a particular user defined time of no motion for power saving.

g) Teach Pendant removal: Teach Pendant disconnect facility will be provided in all the Robots so that it can run without TP.

h) Teach Pendant cable: Pendant cables will be terminated in connectors at both the end & will be easily able to attach or detach. Cable will be

i) Software in Controller: All Weld Line Robot will have software's (for ARC Weld torch/ARC Welding/torch recovery function, etc.)

j) Robot will have Soft float feature which will allow the robot to help in critical loading of parts by freezing an axis of robot and reducing its resistance.

k) Robot will have 2D vision system equipped with 2D multi-view vision process to detect the orientation of the part for better efficiency of part

l) Robot will have 3D Laser vision sensor for 3 Dimensional measurements with structured light method. It will serve automatic recognition of

m) Robot will have Anti-defect vision process function which will allow robot to carry out mistake proofing.

n) Arc Easy Smart Quick Recovery: Torch Guard minimize the damage of a weld torch during collision. Therefore, any mechanical shock

o) Web server: Will have inbuilt feature for web connectivity for online diagnostic etc.

p) I/O handling capacity: It will have minimum 1024DI/1024DO handling capacity to control the I/O's on Gripper / Gun / torch recovery etc.

q) Robot Controller model: Fanuc Make Robot controller will be provided with the setup.

r) Integrated ladder function & Ladder Edit function: This function enables using PLC in the Robot controller. By executing ladder programs,

s) HMI device: This function communicates with Complicity by SNPX protocol via Ethernet / RS-232-C.

t) Arc Abnormal Monitor: This function always monitors values of voltage and current during welding, and if their values exceed specified ranges (WARN limit and STOP limit), this function informs the operator quickly.

u) ASCII Upload function: This function loads the programs written in ASCII format. Usually, robot programs made in PC cannot be loaded on the controller without converting by our software. This function enables loading programs made in text editor in ASCII format without converting.

v) Intelligent Interference Check: When a distance between robots or between a robot and a fixture become a specified distance or less, this function stop robots automatically. It is possible to prevent interference between robots in different controllers by using the Ethernet communication

w) Master/Slave: Robot to have Master/Slave functionality. For Robot, PLC will be Master & will communicate on Ethernet/IP. And Robot will serve as master for all the tools/Grippers I/O's attached to Robot & it will communicate through Ethernet network.

x) Number of Slaves connectivity: Controller will be able to connect to at-least 20 number of slaves (Robot Hand Tools). These slaves/Tools (nodes) will be activated or deactivated through Robot controller when it is attached or detached through ATC.

y) Recovery from Power failure: Robots will recover from power failures automatically without any human intervention. It will continue running from the point where it was stopped. All the I/O status before power failure will remain same after power recovery. It will recover from power failure in not

z) Path Control: Robot path will not be speed dependent & will follow the pre-defined path in any speed low or high.

aa) Collision detection: Collision detection feature will be able to activate or deactivate in program & able to change the sensitivity based on the

bb) Auto payload identification: Robot will be able to determine the payload automatically & in-case of overload will show the respective errors.

cc) Emergency stop: E-stop buttons will be located both on Teach Pendant as well as on controller. E-stop Push Button will be red mushroom

ROBOT Manipulator STANDARDS

a) Bare Robot without controller & with Servo Motors is termed as manipulators

b) It will have hard stopper at J1, J2 & J3 axis to stop the Rotary motion of Robot when limits get exceeded.

c) Provision on J3-J4 Arm for mounting Standard dress pack brackets & Cables termination brackets.

ROBOT ARM STANDARD REQUIREMENT

a) Will have hollow arm J3 axis for cable routing for ARC Welding Application.

b) Air hose & Cables required for Torch/Gripper will be guided properly in a protected flexible cover/duct from Interface plate at Robot base to 2nd

c) +All wear & tear cables will be replaceable within 20minutes, with no more than 2 persons

d) All the cables & Hose pipes will be of Robotic application grade.

Warranty & Support

a)	*Warranty:* Complete Robotic system supplied will have a comprehensive warranty on *24* months from the date of dispatch. During warranty supplier
b)	*Spares storage:* will maintain all the spares at their respective zone office which will be able to get deliver within 5hrs of travel time. All spares to be
c)	*Installation & Commissioning Support:* will provide I & C support for 15 man-days for Robot configuration & Interface with PLC related work.

Training & Documentation

a)	Basic Training: Supplier to provide an onsite training for 60 days Hands on Robot training.
b)	Both Hard copies and soft copies of all robot related manuals to be provided.
c)	Reputed make stabilizer of 20KVA to be provided.
d)	Compressor of minimum 100Ltr tank and 7 bar measure capacity to be provided.
e)	Necessary Fixtures for welding to be mounted on a suitable table.

Major Components that is covered:

•	Fanuc Pick and place Industrial Robot with 10Kg payload capacity and industrial end effector
•	Fanuc Welding Robot with Industrial Welding Torch
•	Siemens Industrial PLC – S7 1500 for system integration
•	Siemens WinCC Professional – Siemens SCADA
•	Fanuc Vision Inspection System to detect and autocorrect raw job orientation

The Process:

• Pick and place operation with Fanuc Pick and Place Robot
• Welding operation with Welding Robot
• Pick and place operation in synchronisation with Loading conveyor
• Welding operation in synchronisation with Pick and Place robot and loading as well as unloading conveyor
• Complete process simulation with two Fanuc robots and three conveyors working in synchronisation with each other
• Students can operate each and every equipment in individual mode as well as in integration mode.
• They can select the number of equipment that are to be operated in integration mode
• Students can carry out the robot teaching either through teach pendant or directly from the coordinates generated from simulation software – Roboguide
• Various Experiments:
1. Pick and Place
2. Welding
3. Machine Loading (Pneumatic vice and Pneumatic Chuck)
4. Assembly Operation
5. Pick and place with Vision inspection system
6. Integration of Vision inspection system with Robot
7. Integration of Vision inspection system with PLC, SCADA and Robot
8. Operation with SCAD, PLC and HMI

The Robotic Cell:

• The robotic cell is a complete cell of 4m x 4m dimensions covered with fencing up to 4 feet in height
• Fencing is equipped with necessary door locking sensors which are integrated with robots
• Robot 1: Fanuc M-10iD/12 (12 KG Payload / 1.4 Mtr Reach)
• Robot 2: Fanuc ArcMate 100iD
• Necessary Robot Mounting Fixtures
• Fanuc vision inspection system for Fanuc RM – 10iD which can identify the orientation of raw material to make sure that assembly on welding
• Welding table with welding fixture
• Pneumatic vice and Pneumatic chuck for machine loading / Unloading operation

- Siemens PLC – S7 1500, Siemens SCADA (WinCC Professional) and Siemens HMI (KTP 900 Basic) for user operation and complete process

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MACHINERY, EQUIPMENT & OTHER ITEMS

BID REF.: GTTC/MCD/TENDER/MACHINERY, EQUIPMENT & OTHER/BD-211/2019-20

BIDDING DOCUMENT

November - 2019

LAST DATE FOR SUBMISSION: 29.11.2019,14.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.:GTTC/MCD/TENDER/MACHINERY,EQUIPMENT& OTHER/BD-211/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Procurement of CNC Milling Machine, CNC Turning Machine, Conventional Vertical Milling Machine, Conventional Universal Milling Machine, Tool Room Precision Lathe, Surface Grinding Machine, Cylindrical Grinding Machine Pillar Drilling Machine, Power Hacksaw Machine, Bench Grinder Pedestal Grinding Machine Conventional EDM Machine CNC Wire EDM Machine Co-ordinate Measuring Machine (CMM) Tool Presetter Air Compressor DG Set 40 KVA Material Handling Equipments Work Holding Devices / Machine Accessories Measuring instruments, Cutting tools Hand Tools,	As per schedule of requirem ent	26,00,000.00

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 10.11.2019 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.29.11.2019, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 0**2.12.2019 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. Manufacturing experience: Minimum 10 years for Conventional Machinery & minimum 05 years for CNC Machinery & Equipment for OEM.

3. GST Registration Certificate.

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.
   The supplier must have service centre in Bangalore / Karnataka

5. Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19

6. The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the item. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order. The supplier shall submit 5% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required.

13. Payments terms: (i) Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site.
    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 26,00,000.00 to be paid through any one of the means as mentioned below.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Pre-bid Meeting – 21.11.2019- 11 AM
- Last date of submission: 29.11.2019 up to 14.00 Hrs.
- Opening of Technical Bids:02.12.2019 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid

Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for pprocurement of :

1]CNC Milling Machine,
2]CNC Turning Machine,
3]Conventional Vertical Milling Machine,
4]Conventional Universal Milling Machine,
5]Tool Room Precision Lathe,
6]Surface Grinding Machine,
7]Cylindrical Grinding Machine
8]Pillar Drilling Machine,
9]Power Hacksaw Machine,
10]Bench Grinder
11]Pedestal Grinding Machine
12]Conventional EDM Machine
13]CNC Wire EDM Machine
14]Co-ordinate Measuring Machine (CMM)
15]Tool Presetter
16]Air Compressor
17]DG Set 40 KVA
18]Measuring instruments,
19]Cutting tools
20]Hand Tools,
21]Work Holding Devices, / Machines Accessories
22] Material Handling Equipment's

2. Sources of Funds

Funds allocated to Govt.Tool Room & Training Centre..

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: Govt. Tool Room & Training Centre

The name and identification number:

REF.:GTTC/MCD/TENDER/MACHINERY,EQUIPMENT& OTHER/BD-211/2019-20

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.

The Purchaser's address is:
Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
The deadline for the submission of bids is
Date:**29.11.2019**
Time: Up to **14.00 Hrs**

The technical bid opening shall take place electronically on:
Date: 02.12.2019
Time: 15.00 Hrs.

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	1] CNC Milling Machine, 2] CNC Turning Machine, 3] Conventional Vertical Milling Machine, 4] Conventional Universal Milling Machine, 5] Tool Room Precision Lathe, 6] Surface Grinding Machine, 7] Cylindrical Grinding Machine 8] Pillar Drilling Machine, 9] Power Hacksaw Machine, 10] Bench Grinder 11] Pedestal Grinding Machine 12] Conventional EDM Machine 13] CNC Wire EDM Machine 14] Co-ordinate Measuring Machine (CMM) 15] Tool Presetter 16] Air Compressor 17] DG Set 40 KVA 18] Measuring instruments, 19] Cutting tools 20] Hand Tools, 21] Work Holding Devices / Machine Accessories 22] Material Handling Equipment	As per schedule of requirement	26,00,000.00

Mode of EMD payment: -

Rs. 26,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

BID REF.:GTTC/MCD/TENDER/BLGM-SMARTCITY/MACHINERY&EQUIPMENT& OTHER/SEC-1/BD-01/2019-20

01] CNC Milling Machine. Qty. 5nos.

Table size (L X B)	650 ~ 750 X 450 ~ 550 mm
Distance from table top to spindle face	115 ~ 140 (min) / 610 ~ 660(max) mm
Load capacity on table	350 ~ 450 kg
Longitudinal X-axis	475 ~ 525 mm
Transverse Y-axis	475 ~ 525 mm
Vertical Z-axis	475 ~ 525 mm
Spindle	
Power	5.5 / 7.5 Kw
Speed	60 - 6000 Rpm
Maximum tool weight	Up to 7 kgs
Nose	BT40 / ISO 40
Axis Drive	
Feed rates	3 ~ 10,000 mm/min
Rapid Traverse (X/Y/Z)	20,000 mm/min
Accuracy	
Positioning	12 µm as per ISO 230 or equivalent
Repeatability	10 µm as per ISO 230 or equivalent
Power Supply	415V, 3Phase, 50Hz
CNC Controller	
Suitable for Universal CNC Milling Machine	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Fast presetting	
Milling cycles for complex contours	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.	
The movement of all machines axes are controlled by digital drives	
Tool life management	
Cutter compensation	
Canned cycles for simplified part programming	
NC programming using DIN/ISO code	
Online ladder display of easy diagnostics	
Features	

1. Standard cycles for milling, drilling, rigid tapping
2. Suitable Counter balance to control drop of Z-axis during power failure
3. Dampening system for enhanced accuracies
4. X, Y, Z-axes must have direct drive through coupling between motor & ball screw.
5. Simulation on machine control
6. Manual pulse generator for work piece setting
7. Centralised lubrication system
8. Spindle auto tool clamp & de-clamp
9. Levelling pads
10. Hardened & ground sturdy linear motion guide ways & ball screws.
11. Coolant system
12. Chip conveyor system
13. Machine lamp
14. Test Mandrel
15. Suitable Stabiliser along with suitable Isolation transformer
16. Control panel should be provided with A.C. unit
17.All General & Geometrical tolerance shall be as per IS standards/ International standard
Accessories Required
1. Collets dia.3, 4, 6, 8, 10, 12, 16, 20 & 25 – 2 nos. each suitable to adaptors
2. Collet adaptor- Short & long (each 2 nos.)
a) Collet Adaptor- Short, to Hold 3.0 - 16.0 Dia – 2 sets
b) Collet Adaptor- Short, to Hold 16.0- 25.0 Dia – 2 sets
3. Hydraulic vice opening: 200mm with 5µ accuracy – 1no.
4. Key less drill chuck – 2 nos. to suit BT40 / ISO 40 Adaptors with set of sleeves.
5. One set of Tool kit shall include :
a) Clamping kit-goose neck, strap
b) T-bolts, tenons, Allen key, Washers, Studs, hexagonal nut
c) Spanner-Ring, flat & C
6. L- angle plate 150mm x 150mm & 250mm x 250mm (Each 1no)
7. Face mill Arbor 1no.
9. CNC Tool clamping fixture – 1no.
10. Pull Studs – 10 Nos.
11. Edge finder – 1no.
12. First fill of lubricants

02] CNC Turning Machine ,Qty. 4 nos.

Capacity: Distance between centres	230 – 260mm
Swing over bed	280 – 320mm
Maximum turning diameter	110 – 150 mm
HEAD STOCK	
Maximum Through bore	32 – 40mm
Chuck diameter	135 mm
Spindle speed	100 – 4000rpm
Spindle nose	A – 4
AXES SLIDES	
Transverse stroke: X-axis	80 -130mm
Transverse stroke: Z-axis	250 -300mm
Accuracy	
Positioning	6 µm as per ISO 230 or equivalent
Repeatability	4 µm as per ISO 230 or equivalent
FEEDS	
Variable feeds X-/Z- axis	0 – 5000 mm / min
Rapid feed X-/Z- axis	15 / 15 m / min
TOOLING SYSTEM: TURRET	
No. of tool stations	8
Spindle motor power	3.5 – 5.0 Kw (415V, 3 Phase & 50 hz)
Speed	3000 - 4000 rpm
Standardized fixing of tool holders	16 square
Maximum tool size (boring bar)	25 mm
CNC CONTROLLER	
Suitable for CNC Turning Machine	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain text DIN/ISO standard.	

The movement of all machines axes are controlled by digital drives
Tool life management
Cutter compensation
Canned cycles for simplified part programming
NC programming using DIN/ISO code
Online ladder display of easy diagnostics
Standard Features & Accessories
1. Fully enclosed guards
2. Centralized lubrications unit
3. Coolant equipment
4. Alarm lamp
5. Work lamp
6. 3 jaw chuck (one set each of soft & hard jaws) & Tail stock
7. Set of reduction sleeves
8. Set of boring bar holders
9. Foot switch for Hydraulic chuck & Hydraulic tail stock quill
10. AC for electrical control cabinet
11. Chip tray
12. Linear motion guide ways
13. Hardened & Ground pre- loaded ball screws for axis
14. 8 station turret
15. All General & Geometrical Tolerance shall be as per IS standards / International standard
Accessories required
1. Suitable Stabilizer along with isolation transformer
2. Chip conveyor with bin
3. Axial tool holder
4. Revolving centre
5. First fill of lubricants
6. Start up tool kit

03] VERTICAL MILLING MACHINE, Qty. 11 nos.

Table size	1500~1550mm x 300~350mm
Traverse	
Longitudinal Auto	Up to 800mm
Manual	
Transverse Auto	Up to 250mm
Manual	Up to 280mm
Vertical Auto	Up to 400mm
Manual	Up to 430mm
Rapid Traverse	
Longitudinal	~ 4000 mm / min
Transverse	~ 4000 mm / min
Vertical	~ 1000 mm / min
Spindle	
Speed range / steps	40-2000 / 10 -16
Taper	ISO40 / BT40
No. of feeds	18
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Vertical	5-200mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standard	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
2. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
3. Double nut lead screw to eliminate back lash	
4. Motor shaft end should be supported by a bearing for prolonged machine life	
5. Rapid feed for all the three axes should be available	
6. Centralised lubrication system	
7. Coolant tank with motorised pump	
8. Machine lamp with bulb	
9. Mechanical Linear scale for X, Y, Z axis	
10 Machine manual, Electrical circuit drawings, spares required for 1 year	
11 First fill of lubricants	

12 Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
13 Squareness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
Standard Accessories:
1. Collet adaptor- Short & long
2. Collets from 4mm-20mm in steps of 1mm
3. Machine vice with out Swivel base, jaw opening upto 200mm
4. Standard tool kit
5. Test mandrel
6. Shell end mill adaptor - short & long
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.

04] KNEE TYPE UNIVERSAL MILLING MACHINE, Qty. 13 nos.

Size	
Table size	1550mm x315mm
Swivel of table on either side	45 Degrees
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 830mm
Transverse Auto	Up to 230mm
Manual	Up to 260mm
Vertical Auto	Up to 400mm
Manual	Up to 420mm
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm
Rapid Traverse	
Longitudinal	~ 2500 mm / min
Transverse	~ 2500 mm / min
Vertical	~ 600 mm / min
Spindle	
Speed range/steps/progression	40-2000/12/1.4
Taper	ISO40 / BT40
No. of feeds	18
Vertical milling head swiveling	45 degrees on either side
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Milling spindle motor	3.5 ~ 5.5Kw

Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
4. Double nut lead screw to eliminate back lash	
5. Motor shaft end should be supported by a bearing for prolonged machine life	
6. Rapid feed for all the three axes should be available	
7. Centralised lubrication system	
8. Coolant tank with motorised pump	
9. Machine lamp with bulb	
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
11.Machine manual, Electrical circuit drawings, spares required for 1 year	
12.First fill of lubricants	
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.	
14. Mechanical Linear scale for X, Y, Z axis	
Accessories:	
1. Arbor Dia.22, Dia.27 & Dia.32	
2. Face mill adaptor- Short & long	
3. Collet adaptor- Short & long	
4. Collets from 4mm-20mm in steps of 1mm	
5. Machine vice with out Swivel base, jaw opening upto 200mm	
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32	
7. Screw type MT1-MT4	

8. Standard tool kit
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05] TOOL ROOM PRECISION LATHE, Qty.24 nos.

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CAPACITY	
Distance between centres	500mm - 600mm
Swing over bed	270mm - 300mm
Swing over Carriage	125 mm
TAIL STOCK	
Internal Spindle taper	MT3
Spindle stroke	120 mm
Spindle Ø	38mm
SPINDLE	
Motor Power	2.25 kw / 3 hp (Approx.)
Spindle Speed	50 - 1600 rpm (Approx)
No. of steps	8 or 12
Spindle bore	38mm
Max. Thru bore	38mm
Features:	
1. All General, Dimensional & Geometrical tolerance shall be as per IS standards or any international standards.	
2. Enclose Test charts which has been followed (BIS / JIS / ISO or any reputed standards).	
3. Spindle run out ≤ 10µ	
4. Should have machine lamp	
5. Should be provided with coolant system	
6. Leg brake to be provided	
7. Power transmission through Gears	
8. Should have collet attachment	
Accessories:	
1. 3 jaw chuck - Ø 150 / 160 mm (SECO / TURNO / UNNAT / equivalent)	

2. 4 jaw independent chuck Ø 200mm
3. Follower rest & Steady rest with Bronze jaws
4. Manual draw bar with plastic star knob for retraction
5. 60° Male centre Hardened steel
6. MT3 Revolving centre (optional)
7. Collet chuck with collets - in steps of 0.5mm, from 4mm - 12mm
8. Face plate - Ø 200mm
9. Tool Kit
10.Taper Turning attachment (optional)
11. Quick change Tool Post (optional)
12. DRO (optional)

06] SURFACE GRINDING MACHINE ,Qty. 9no.

Longitudinal travel	500 ~ 600 mm~
Cross traverse	200 ~ 250mm
Table speed	Up to 10m/min.
Distance between table & spindle Centre	300 ~ 350mm
Grinding head	
Spindle power	2~3 hp
Grinding spindle speed	2500-3000rpm
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	
2.Hydraulically operated longitudinal table movement with variable speeds	
3. Cross slide shall be rapid and auto feed solid state realy control (Potentio Meter control). Cross feed Y- Axis Dial LC 0.010MM. Vertical feed Z-Axis motorised rapid movement with Dia LC 0.002MM	
4. YZ axis movement must have manual movement	
5.. Automatic lubrication of lead screws, guides	
6. Flatness of machined surface should be within 5µ for a length of 100mm.	
7.. Coolant system with motorised pump	
8.. Machine Lamp with bulb	
9. Machine manual, Hydraulic & Electrical circuit drawings, spares required for 1 year	
10. First fill of lubricants	
11. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
Standard Accessories:	
1. Grinding wheel dia. As per machine manufacture standard	
2. Wheel balancing mandrel & balancing Stand	
3. Set of service tools, belt sets	
4. Table mounted wheel dresser	
6. Complete hydraulic equipment including motor, pump, valve & tank	
7. Magnetic bed 500x200mm	
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07] Cylindrical Grinding Machine, Qty. 11 Nos.

Centre height	120-150mm
Table	
Min. auto travel	2mm
Table speed	0.1-5m / min.
Wheel head	
Wheel size	300 x 40 x 127mm
Peripheral speed	30-33m / sec
Motor power	2.2kw
Swivel range	0-15-30º
In feed system	
Initial positioning	150 ~ 200mm
Rapid approach	40mm
In feed with hand wheel	20mm
Min. incremental feed on dia.	1µ
Max. plunge depth in auto	1.7mm
Coarse feed rate	0.015-6mm / min.
Fine feed rate	0.015-3mm / min.
Tail stock	
Quill travel	20mm
Quill taper	MT3
Internal grinding head	
Spindle housing bore dia.	Minimum 60mm
Max. spindle speed	15000 - 18000 rpm

Std. spindle	Día 60 x 250mm
Standard machine should include following Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standard.	
2. Automatic grinding cycles including rapid approach, coarse, fine, spark off & retraction with PLC controller of reputed make.	
3. Hydraulic table travel on V & Flat guide ways with continuous lubrication.	
4. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
5. Machine manual, Electrical circuit drawings, spares required for 1 year	
6. First fill of lubricants	
7. Fully ribbed high grade cast iron body construction.	
Standard accessories:	
1. Complete coolant tank with motor & pump	
2. Complete hydraulic equipment including motor, pump, valve & tank	
3. Wheel balancing mandrel	
4. Set of service tools, belt sets	
5. Table mounted wheel dresser	
6. Carbide center for work head & tailstock	
7. lubricating oil for wheel & work head spindle	
8. Internal grinding spindle dia. 60 X 250mm (16000rpm)	
9. live spindle draw bar	
10. Electrical equipment suitable for 415V & 50Hz cycle	
11. Grinding wheel with adaptor	
12. 3 jaw &4 jaw self centering chuck	
13. Dia 200 Magnetic chuck	
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08] PILLAR DRILLING MACHINE, Qty. 8 nos.

Maximum Drilling size in steel	25 mm
Spindle taper	MT3
Spindle traverse	140 mm
Pillar diameter	80 ~ 150mm
Max. distance between spindle & table	610mm
Max. distance between spindle & base	1080mm
Working area of table	300 - 350mm square (3 T- slots, 14 H 7)
Max. Job weight	Upto 50Kgs
No. of spindle speeds & range	10 or 12 steps , 60 ~ 2000 rpm
Accessories:	
1. Key less Drill chuck	
2. Motorized coolant pump	
3. Machine lamp with bulb	
4. Drift	
5. Reduction sleeve from MT3 to MT2, MT2 to MT1 (1set each)	
6. Machine vice - 150mm opening	
Features :	
1. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
2. Machine manual, Electrical circuit drawings, spares required for 1 year	
3. Tapping attachment to be included for tapping upto M16	
4. All General & Geometrical tolerances shall be as per IS standards / International standard.	
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09] POWER HACKSAW MACHINE,Qty. 14Nos.

Power Hacksaw Machine	
Specification	
Round size that can be cut	Up to Dia 200 mm
Square size that can be cut	Up to 175mm
Stroke length	Up to 140mm
No. of speed strokes	3Nos.
Range of strokes (per minute)	70 ~ 150mm
Blade size	400x32mm x blade thickness
Main Motor	2~3 HP, 415V, 3 Ph, 50 Hz
Features:	
1. Rigidly built construction with high grade casting	
2. Accurate guide ways for reciprocating movement of frame	
3. Castings should be seasoned and stress relieved	
4. Coolant system shall be provided with pump & motor	
Note: In addition to above requirements, mention the other standard accessories that will be offered along with the machine. Also, please indicate the optional accessories separately.	

10] Bench Grinder : Qty. 5 nos.

Specification:

Max wheel size	150 x 20mm
Hole diameter	12.7mm
No load speed	2,850rpm
Overall dimensions	375mm

11] Pedestal Grinder, Qty.13nos.

PEDESTRAL GRINDER Includes: ON /OFF Rotatory Switch, One set of Grinding Wheels, One set of Splash Guards	
Specification	
Size of Grinding Wheel	200 x 25 x 19.05 mm
Centre distance between wheels	415mm
Base to Spindle Centre	900mm
Wheel speed	2800 rpm
Motor Rating	06 Kw / 0.8 hp
Electricals with DOL Starter	415V / 3Ph / 50 Hz

12]Conventional EDM Machine, Qty. 2nos.

SPECIFICATION	
Table Traverse X x Y x Z	Up to 280mm x Up to 200mm x 250mm
T-slots	10mm – 3nos.
Max. height from table	240-260mm
Servo system	DC stepper servo
Filter element	10µ paper filter
Pump motor	3phase, 1.5hp
Max. weight of job	Up to 200kgs.
Electrode weight	Up to 50kgs.
Quill travel	Up to 260mm
Pulse Generator	
Power supply	3phase, 415V AC, 50Hz
Working current	Max. 40 amps.
Surface finish	0.8µ Ra
Connected load	3KVA
Electrode wear	≤ 0.1%
Di-electric unit	
Dielectric capacity	275litres
Filter element	10µ paper filter with metal cover

Features:
1. Table should be made from close grained casting
2. Repeat positioning accuracy ≤ 6microns
3. Axes position display
4. Should have needle roller bearings to ensure table movement
5. Should have symmetric guide ways.
6. Precision ground screws with double lock nut should be provided for adjustment of backlash.
7. DRO for X,Y,Z movement
8. Test mandrel for checking spindle accuracy
9. Multi stage anti arc.
10. Safety interlocks should be provided
11.All General & Geometrical tolerances shall be as per IS standards / International standards.
12. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
Accessories:
1. Magnetic bed size: 200mm X 300mm
2 Mini vice
3. Electrode holders
4. Magnetic V-block
5. Clamps

6. V-block with clamp
7. Set of spare filters

13] CNC WEDM Machine, Qty. 2 nos.

Machine Tool		
1	Machining Range	
1.1	X Axis Stroke	350mm to 400mm
1.2	Y Axis Stroke	250mm to 300mm
1.3	Z Axis Stroke	220mm to 250mm
2	Maximum work piece size	800 mm X 600 mm X 250 mm
3	Travel U,V	± 45 mm
4	Maximum work piece weight	400 kgs and above
5	Measurement Device	Linear Glass scales (XY) and encoder for (UVZ)
6	Minimum resolution	0.1 Microns
7	Positional accuracy	6 microns
8	Repeatability	4 microns
9	Maximum Taper Angle	± 15 degree / 100 mm to 120 mm
10	Wire Diameter	0.2 mm - 0.25mm
11	Wire Threading	Automatic (Thermal Cut)
12	Type of machine	Submerged -water level control for different heights of work pieces
13	Best Roughness Ra	<0.25 Ra
14	Operating System	Windows
15	Port	USB,MDI,LAN Port
16	Permissible Fluctuation	± 10 %
17	Power Supply consumption	10 - 12 KVA with Chiller
18	Recommended Temperature	20±1˙C
19	Operation of the equipment	15~30 ˙C
20	Relative humidity	40% - 80%
21	Minimum Machining Speed	250 Sq.mm/min with Dia 0.25 mm wire, work piece Tool steel
22	Power input	3 Phase 50 Hz
23	Table	Single piece Rectangle Work table
24	Table Size	X Y : (675mm - 700mm) x (450mm - 480mm)
25	Machine dimensions	To be specified by the supplier.
Dielectric Tank		
1	Dielectric fluid Tank Capacity	To be specified by the supplier.
2	No. of Filters	To be specified by the supplier.
3	Filteration Method	Replacable paper filter < 5 microns.
4	Deionizer	Ion exchange resin (20 litres).
CNC Power Supply Unit		
1	Maximum Machining Current	32 A to 40 A

2	Automatic Voltage Regulator	Standard
3	NC Unit	Multi-tasking OS
4	User 's memory capacity	Saving:30MB
5	Memory device	Latest available in market - To be speciifed by the supplier.
6	Input format	External Memory,Mouse,Key Board,Remote Controller
7	Display type	15" TFT with adjustble keyboard or better.
8	Character set	Alphanumeric and Symbols
9	Keyboard	Standard 101 - key, function key
10	Positioning command	Incremental and Absolute
11	Number of cordinates	100 and above
12	Simultaneous control axes	Max:04
13	Minimum drive unit	0.1micron
14	Maximum feed rate	1.5m / min and above.
15	Position detection	Full closed loop.
16	Drive Mechanism	High precision ball screw and LM guideways of reputed make. (Bidder to specify the supplier name).
Standard Technical Features		
1	Wire Guide should be of round type for both Top & Bottom to achieve very high accuracy.	
2	The best possible surface requirement Ra Value <0.25 micron mms with a maximum of 4 passes.	
3	Anti Electrolysis power supply should be provided as standard.	
4	Corner Master function should be provided as standard to improve corner accuracy.	
5	Automatic wire alignment.	
6	Centeralized Lubrication System.	
7	The software shall consist of Gear manufacturing and machining data.	
8	2D graphic simulation wire path.	
9	Single block execution.	
10	Resumption of cutting from fail position.	
11	The software shall have the facility of suggesting depending upon the surface finish and GDT.	
12	Wire guides to be suitable for soft, medium & hard wires.	
13	Supplier shall provide technology chart with parameters for different height / materials / wires with sizes.	
15	Axes with Anti collision protection system should to be incorporated to prevent machine damages.	
16	3D / 2D graph check/scale/move function.	
19	Any other specification not mentioned above, shall be part of machine as mentioned in machine catalogue / special features may be mentioned clearly.	
20	Periodic Upgradation support to be provided by the manufacturer.	
21	Machine spare parts, allied accessories support to be provided for a period of 15 years from the date of installation.	
CAD/CAM Software		
1	Windows based CAD/CAM software (Part Programming application software) – To be specified by the Bidder.	
2	AutoCAD DWG / DXF file interpahse - To be provided by the Bidder	
3	Built in utility packages for gears and curves - To be provided by the Bidder.	

4	Graphic programming tool - To be provided by the supplier
5	Build in functions: move, rotate, copy, mirror , scale, reverse mirror- To be provided by the supplier.
6	Multi pass and multi cavity program generation - To be provided by the Bidder.
7	Tool path reversal- To be provided by the Bidder.
8	All Original CD's - To be provided by the Bidder.
Additional Consumables to be supplied with the machine and quoted unit wise.	
1	Wire type diameter of 0.2 mm & 0.25mm dia . Brass wire - 5 spools of standard weight.
2	Resin : Qty - 40 to 50 litres.
3	Filters Paper filter 3 to 5 microns - One set of filters
Wear parts to be supplied with machine and quoted unit wise	
1	List of consumables with life: Bidder to quote for one set each.
Accessories to be supplied with machine.	
1	Basic clamping Accessories
2	Wire Verticality alignment block.
3	Suitable Servo Stablizer / Ultra Isolation Transformer.
4	Air Compressor if required (to be included in the offer separately along with specification of reputed OEM) – Bidder to specifiy the supplier name
Standard Warranty	
1	Machine inclusive of systems/accessories should be warranted for 1 2 months from the date of Installation & commissioning a t Customer site against all the design, material or manufacturing defects.
2	Supplier representatives should make minimum 6 free visits to works a s customer support program during warranty period
3	Acceptance Test and Pre dispatch Inspection at manufacturer's plant at supplier cost for 5 days for two persons. Drawings for the same will be supplied by GTTC.
4	Machine installation, commissioning and training to be provided by the supplier at GTTC designated centre for a period of 10 days. (Operation and Maintenance personnel)
5	Viewing of basic machine parameters with respect to PO at supplier's manufacturing site.
6	All the test required for confirming the geometrical & positional accuracies should be demonstrated to GTTC team for acceptance at supplier's site and as well on arrival at customer site.
7	Test piece to be machined at plant to confirm the machining Technology as per test report is to be submitted. Supplier has to supply fixture & Tooling for the above operation at supplier site.
8	The bidder shall submit test chart standards followed, which satisfies the specifications indicated.
Installation & Commissioning	
1	Foundation kits like vibro mounting pads, bolts etc required for foundation to be supplied along with the machine.
2	Detailed drawing of foundation indicating necessary details to be supplied within 4 weeks of placement of purchase order.

3	Supplier has to install and commisioned the equipment at our site. Necessary Geometrical test should be carried out during commissioning & results have to be checked against acceptance norms.
4	One number each Spool of wire 0.20mm diameter & 0.25mm diameter.
5	First fill of oil / lubricant / Ion Exchange resin should be supplied.

Documentation

Two set of following documents in English to be supplied along with machine.	
1	Machine Tests charts.
2	Operational and maintenance manual.
3	Electronic/Electric circuit diagram.
4	Operators manual.
5	Programming manual.
6	Spare parts list.
7	Installation & foundation manual.
8	The test charts for confirming the geometrical & positional accuracies (ISO 230 -2 of 1997) of the machine are to be furnished along with technical bid..

General Requirements

1	Electrical equipment suitable for operation on 3 phase, 400 volts $\pm$ 5%, 50 Hz ($\pm$ 1%)
2	Supporting utilities other than what is mentioned above or any other special accessories required for smooth running of the Machine to be quoted and supplied with the Machine.
3	The equipment should be designed so as to provide for easy maintenance / repair of all parts.
4	All components used for the equipment should be best of quality and of reputed make.
5	Adequate protection should be provided for all components against possible damages in respect of safety and environment standards.
6	The equipment should be manufactured and processed in accordance with good design and engineering practice and to the entire satisfaction of the inspection authority.
7	Name and address of the customers for whom similar models are supplied and which is in operation for more than 2 years should be indicated. Customer' s appreciation certificate if any is to be enclosed along with the offer. Bid submission without furnishing of user's list as well as customer's feedback report will not be considered for acceptance.
8	All the accessories including standard and optional should be quoted with item wise cost.
9	The supplier should provide catalogue / detailed drawings of machine and items offered. The specification, accuracy and features mentioned in compliance / offer for verification through catalogues and machine supplied.
10	OEM /Authorized Rep. of OEM only will be considered.
11	Supplier should specify : a) Origin : b) Make: c)Model:

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GCC, & SCC with reference to the tender documents.

14. Co-ordinate Measuring Machine (CMM), Qty. 1No.	
Sl. No.	**Description**
	Specification
1	**Scope:**
	Supply of 3 dimensional co-ordinate measuring machine with high performance, capable of measuring in point to point as well as continuous scanning mode (optional) with same probe head complete in all respects in accordance with international standards and practices
2	**Application:**
	Machine should be able to measure intricate components like Core & Cavity inserts of injection moulds, Die casting dies, Form dies, Press tools, Forging dies, Precision Machined parts, Sheet Metal parts, Injection moulded parts, Die cast parts, Jigs & Fixtures, Inspection Fixtures and gauges.
3	**Technical Characteristics:**
	a. Measuring range X axis: 675 mm or better.
	Y axis: 675 mm or better.
	Z axis: 650 mm or better.
	b. Minimum work piece weight: 500Kgs or better.
	c. Resolution: 0.2 microns or less
	d. Measuring accuracy(As per CMM Measuring standard):
	i) Length measuring Error: 2.2 Microns or better as per ISO 10360-02
	ii) Probing Error: 2.5 microns or better
	iii) Scanning Probing Error: As per ISO 10360-04 (Optional)
4	**Standard environmental specifications:**
	a. Performance temperature range: 20° ± 2° C or better
	b. Temperature variation: 1° C/Hr or better
	c. Temperature variation: 2°C/24 Hr or better
	d. Humidity in Air: 30% to 70%
	Performance Test configuration: The Styli diameter and length to be specified by the bidder after studying of CAD models / Drawings / Components at GTTC
5	**Machine construction features:**
	a) The machine Construction feature should meet b) all the above Technical characteristics as per Sl. No. 3 c) and should have free movement / loading of parts with d) ease and without obstruction, rigid mobile X bridge, Y guide way & e) Z Spindle, with minimized moving masses.

	b) Please give clear description of the machine construction. All Guide ways shall be constructed from the same material in order to ensure structural stability, uniformity in temperature induced structural variations.
	a) Long lasting stability with low temperature expansion of coefficient.
	b) Temperature sensors should not be used.
	c) All the axes should be supported by Air bearings to ensure good rigidity and repeatability.
	d) The machine should be capable of complete automatic measurement of precision components. It should be able to perform measurements of all parameters on five faces of the component from start to finish without operators intervention in between.
	e) The machine should be capable of measuring in point to point as well as continuous scanning mode (option) without changing the probe.
	f) Single piece Granite base plate of Grade - 0 of 1000 x 1600mm (approx) with threaded holes for clamping the job with suitable supports/stand should be provided as standard supply.
	g) Length Measuring system:
	High resolution Scales: Bidder to specify the material of scale and the base on which the scale is fitted.
	Scale Resolution: 0.2 micron or less.
	g) All axes of the drive systems should be motorized & CNC controlled with backlash free & vibration less drive systems.
	h) The machine should be capable of measuring all geometric parameters including nominal / actual comparison and evaluation of all form and position errors like flatness, straightness, roundness, cylindricity, parallelism etc., in accordance with ISO 1101 (MMC) simultaneously after the same measuring run.
	i) Active pneumatic vibrations dampers to be provided to avoid the transmission of external vibration on the machine.
	j) Guide ways should be covered suitably to prevent dust contamination and to provide protection.
	k) Filter and regulator for clean compressed air against contamination of water/oil should be provided, if required for the machine.
	m) Axis drive by high performance servo motors.
	n) The machine should be capable of measuring and covering Metric system.
	o) Advanced CNC control technology with latest functionality. (To be specified by the bidder)
	p) Advanced geometric parameters compensation.
	q) The machine should run in both Manual / Motorised and CNC mode.
	r) Portable panel with joystick to be provided for motorized movement in all axes namely XYZ & with necessary display of functions/XYZ Counters.
6	**Controller :**
	a) The controller must be capable of accommodating different types of probe systems.
	b) Onboard diagnostics.

	c) Remote Support.
7	**Standard Control Panel:**
	a) The control panel should be standard, portable with function keys and computer independent.
	b) Control Joystick for easy and more precise remote control of 3-axis movement. Variable speed control in CNC modes.
	c) Manual speed override control to be provided.
	c) As a safety measure, the system should disable the CMM automatically when CMM is not in operation for more than 60 seconds.
	e) There should be a protection against collision.
	f) Joy stick shall have
	• Manual control with joystick operation and with wireless joystick.
	• Light weight and shaped to fit in hand.
	• Magnetic lock allows a safe docking on any metal support.
	• Joystick for X and Y (standard joystick movements) and Z axis by rotary potentiometer on head.
	• Emergency button.
	• Potentiometer for setting speed in CNC mode.
	• Rotation of coordinate system accordingly to position of operator to machine – To be specified by the vendor and explain its features.
	Probe Head:
	i) The machine should have highly repeatable motorized index able articulating probe head with infinite positioning and integral probe system.
	ii) Measuring Method: Point to Point measurement as well as continuous scanning mode (option) without changing probe head.
	iii) Measuring Method: Touch trigger probe /point to point measuring system should have magnetically coupled adapter plate.
	iv) Up gradation possibility to continuous scanning to be quoted as an option.
	v) Probe Head indexing resolution – to be specified by the bidder in X, Y & Z direction.
	vi) Probing force: Different various probe modules of different measuring forces. To be specified by the supplier.
	vii) The stylus weight carrying capacity - To be specified by the supplier.
	viii) Stylus Length: Minimum 300 mm and above
	ix) Data rate: 200 points / sec or better.
	x) Position repeatability: 2.5 micron or better.
	xi) Probe head must have manual /automatic probe change facility enabling the operator to use different probe combinations without recalibration. Bidder to quote for necessary accessories allowing the user to use minimum 6 probe configuration in one CNC run with calibration.
	xii) Auto Probe change magazine with minimum 6 position control should be provided for automatic probe change of different pre-calibrated and pre- selected probe configuration during CNC run, for fast and uninterrupted measurements.

	xiii) Change of probe configurations and recalibrations during measurements should be totally eliminated.
	xiv) Built in protection should be provided in the system against the damages caused by the collision of the probe.
	xv) Probe System – To be specified by the Bidder.
	xvi) Its range of application should include function oriented measurements and multi point acquisitions of form and position. Also it should be capable to inspect the complete geometry of parts such as bores and cylinders in single measurements.
	xvii) Automatic Styli Change rack of 6 ports to take different probe configurations has to be quoted as standard supply. All the requirements of styli types required for measuring the components as per the drawings / CAD models / sample components & styli adapters (for 6 ports) should be included in the standard supply with Auto probe changing.
	xviii) Calibration sphere should be provided for calibration of probe tips. Preferably Ceramic sphere.
9	**Electronics & Safety:**
	Modern microprocessor controller in a service-friendly, modular design with integrated monitoring should be available.
10	**Foundation:**
	Foundation work will be carried out based on the drawings supplied by the vendor and the entire work shall be supervised by the vendor. Construction cost for foundation will be borne by GTTC and any special technical requirements (dampers etc.) for ensuring smooth and accurate operation of the machine would be clearly spelt out and to be supplied by the vendor without any additional cost while making the foundation. The vendor shall visit the site at the time of the work.
11	**Software**
	a) Should contain modules for process planning, control of measuring and b) evaluation process for all the applications in dimensional metrology. c) It should have multi tasking possibilities. In other words different d) jobs are performed simultaneously like inspection, analysis, printing and data storage.
	b) A universal Geometric measuring program for both manual and CNC operation c) with 3D CAD model measurement facility including component d) misalignment compensation in plane and space, form and position e) tolerance calculations, MMC provision, self teach capability, batch f) component position programming, probe tip calibration upto 999 tips.
	d) Should have comprehensive software library for all the tasks in e) dimensional metrology like prismatic parts, form measurement, f) contour graphics, curve measurement, free form surfaces. Graphic user g) interface that simplifies the start of CNC runs. Output of inspection h) results on printer.
	e) Software should have direct interface with CAD files data exchange in f) IGES, STEP, SAT etc.
	e) Should have feature scanning of geometrical elements,

	viz flat profile, free form curve, straight line plane, circle, cylinder, cone, sphere.
	f) Filter function for scanned points to be provided.
	g) CNC program to be automatically generated while measuring.
	h) Should allow resuming the program interruptions.
	i) Software safety cube feature is a must for all three planes to avoid collisions.
	i) Graphically interactive on & off-line programming system for measurement creation based on CAD data.
	j) Saving of programming time through simple click on elements in the k) CAD model with successive automatic measurement.
	l) Exact positioning of measuring points by software.
	m) It shall support for future up gradation.
12	**Computer system (as below or better)**
	a) Genuine Windows operating system and media, processor –Intel core b) 17 or better, minimum 16 GB RAM with addition slots for memory / expansion slots, expandable to Minimum 32GB, 1TB Hard disk, 21" TFT Monitor, Combo Drive, Multimedia Key Board, 1 GB Graphic card or better, Optical Mouse with necessary cables should be quoted as standard supply.
	A4 colour Printer – 01 number, should be standard supply – Bidder to specify the make and model.
13	**UPS**
	a)Suitable rating (as per the supply requirements of the machine) online UPS: Min 30 min backup, should be standard supply.
	b)Bidder to specify the make and model.
14	**Air Compressor, if required for the machine (to be quoted separately in offer):**
	a. The capacity of the Air Compressor shall be suitable for the Air requirement of the machine. It shall be Air cooled reciprocating type compressor, two stage, double acting coupled with V belt driven electric motor, splash lubricated & receiver mounted, with all starting switch gear having auto start /stop control.
	b. The Air compressor should be of reputed make.
	c) Bidder to specify the make and model
15	**Air Dryer, if required for the machine (to be quoted separately in offer):**
	a. Suitable refrigeration type non cyclic Air dryer, having auto manual drain options, must be supplied along with the compressor package for ensuring 100% dry air to be fed to the CMM equipment.
	b. The Air dryer should be of reputed make.
	b. The make of the Air compressor & Air Dryer should be clearly mentioned c. with all the technical features available for reference.
16	**Accessories**
	a) The machine vendor should indicate the required probe accessories for effective utilization of the machine.
	b) Comprehensive extension kit to enable measurement of all the parts as

	displayed at GTTC.
	c) Basic probe stylus kit consisting of stylus diameter starting from 1.0mm to 8.0 mm in increment of 1.0mm
	d) Air dryer and filter package if required.
	e) Additional measuring probes and probes kits (if any).
	f) Operator Standard Tool kit.
	g) Detailed part clamping system should be quoted for all the parts indicated.
	h) Modular fixture and suitable clamps along with drawings / standards.
	i) If any additional required may clearly specified in the quote.
17	**Documentation (Three copies each in English)**
	a. Part program manual.
	b. Machine operation manual.
	c. Mechanical maintenance manual with list of spare parts and their specifications.
	d. Electronic & Servo system maintenance manual with list of spares.
	e. CNC System maintenance manual with list of spares.
	f. Installation manual.
18	**Acceptance Test and Inspection:**
	a. The machine supplier should undertake measuring prove-out of 15 components and prove the machine accuracies /Application/Software capabilities at Customer site.
	b. The offered CMM should be capable of measurement of all the dimensions indicated in the drawing / samples offered/CAD Model of the component.
	c. The above drawings shall be provided to the bidder at later stage. Vendo d. r may visit GTTC to study the CAD models, if required.
	e. Machine accuracy should be proved after erection and commissioning at GTTC designated centres.
19	**Training**
	a. Training should be provided for operation/maintenance and software application for 6 engineers at GTTC designated centre where the CMM is installed and commissioned for a period of 10 working days in two stages.
	b. Follow up training to be provided based on requirement at least once in 6 months at one of GTTC centre. This is required to get acquainted during the warranty period.
	c. Training Manual: Basic and Advance level for operating the machine [Self explanatory tutor].
20	**Installation and Commissioning**
	a. Viewing of basic machine parameters with respect to PO at supplier's manufacturing site. GTTC will depute 2 Engineers. Vendor has to arrange for the same.
	b. Erection & Commissioning of the equipment shall be done by the c. supplier at GTTC designated site.
	d. Acceptance shall be made after commissioning with successful e. testing of the equipment.

21	**Warranty:**
	a. Warranty – The equipment should be under a minimum warranty b. period of 1 year from the date of commissioning.
	c. The machine should run for trouble free operation during warranty period and necessary service shall be provided after sales.
	d. Vendor shall provide Comprehensive AMC for minimum 5 years after expiry of warranty period.
	d. A List of spare parts and deliverables to be provided.
	e. Vendor to ensure the availability of spare parts for a period of 10 years.
	e. Vendor to specify all items that are patented and their individual prices. These prices must be valid for a period of 05 years from the date of sale of machine.
22	**General Requirements**
	➢ Electrical equipments suitable for operation on 3 phase, 400 volts ± 5%, 50Hz ± 1 HZ.
	➢ Supporting utilities other than what is mentioned above or any other special accessories required for smooth running of the Machine to be quoted & supplied with the Machine.
	➢ The equipment should be designed so as to provide for easy maintenance / repair of all parts.
	➢ All components used for the equipment should be best of quality and of reputed make.
	➢ The bidder should quote only for the make of sub-assemblies and equipment wherever specified.
	➢ Equipment should be CE compliant.
	➢ Other makes of sub-systems including software and machine controller will not be acceptable.
	➢ Bought out software and controller will not be accepted so that any up gradation required at later stage should be possible by OE supplier.
	➢ Adequate protection should be provided for all components against possible damages in respect of safety and environment standards.
	➢ The equipment should be manufactured and processed in accordance with good design and engineering practice and to the entire satisfaction of the inspection authority.
	➢ Name and address of the customers for whom similar models are supplied and which is in operation for more than 2 years should be indicated. Customers' appreciation certificate if any is to be enclosed along with the offer. Bid submission without furnishing of user's list as well as customers' feedback report may not be considered.
	➢ All the accessories including standard and optional should be quoted with item wise cost.
	➢ The supplier should provide catalogue/detailed drawings of machine and items offered. The specification, accuracy and features mentioned in compliance / offer for verification through catalogues and machines supplied.
	➢ Breakdown calls should be attended within 48 hours from the breakdown time reported.
	➢ GTTC reserves the right to verify the information by the vendor. In case the information is found to be false/ incorrect, the offer shall be

	summarily rejected
	➢ Preventive maintenance shall be carried out every 3 months or as per the manufacturer's recommendations during warranty period.
	➢ OEM /Authorized Rep. of OEM only will be considered.
	Supplier should specify : a) Origin : b) Make: c)Model:

15] Tool Presetter, Qty 1no.

Technical Specification

Measuring Range	
X axis	0-300 mm Dia
Z axis	0-400 mm
Spindle Taper	
Standard	BT/ISO 50/40/30
Spindle Accuracy	0.002mm
Minimum Read Value	
X axis	0.001mm (Radius)
Z axis	0.001mm
Checker Dial	
X axis	0.001mm (Radius)
Z axis	0.001mm
Tool Clamp	Vacum
Power	AC 220V
Projector (optional) Direct Projection of tool to ensure sharp and accurate image, mounted at the back of the spindle for ease in the reading to avoid tool holder interference.	100Ø screen with 20x Magnification
Above equipment to be supplied with Test Mandrel & Table	

16]Air compressor: Qty - 6nos.

Air Compressor -5 HP	Two Cylinder
	Reciprocating Oil Cooled
	20 to 25 Cfm
	Cut Off 6.5 Kgs to 8 Kgs
	Max Cap; 12 kg
	Tank Capacity; 220- 250 Litters

17] Diesel Generator Set 40 KVA, Qty. 01No.

Rated capacity40kva 415v Air co0lled Engine with three phase output and AMF Control panel

18] Measuring Instruments

1	Try Square 6" blade	210
2	Vernier caliper 150mm, LC 0.02mm	42
3	Micrometer 0-25 mm Outside LC 0.01mm	42
4	Micrometer 25-50 mm Outside LC 0.01mm	28
5	Micrometer 50-75mm Outside LC 0.01mm	28
6	Optical Bevel protractor [LC 0.001 degree]	28
7	Sine Table 200 mm	6
9	Radius gauge 1 to 25 mm radius [Concave and Convex]	10 set
10	Inside Micrometer - Range 5 - 30mm LC 0.01mm	6
11	Depth Micrometer - 0 - 200mm LC 0.01mm	6
12	Magnetic Dial Stand	6
13	Vernier Caliper - 0 - 300mm LC 0.02mm	6
14	Dial Indicator Plunger (LC 0.01mm) & Lever (LC 0.002mm)	6each
15	Electronic Digital Vernier -0 - 200mm LC 0.01mm	6
16	Electronic Digital Comparator with stand LC 0.01 mm	6
17	Standard Pin Guage - 1.01-10mm in Steps of 0.01mm	6
18	Dial Bore Gauge 2 point-Analog type 18-35, 35-60, 50-150 LC 0.01mm	6
19	Thread Plug Guage & Ring Guage [M2 to M12] std. 6G	6set each
20	Thickness Guage 0.05mm to 2.00mm	6
21	Metric Pitch Guage	6
22	Unified Screw Pitch Guage	6
23	Whitworth Screw Pitch Gauge	6
24	‘V’ Block + Clamps- 150x150 mm	6
25	Magnifying Glass with stand -10X	6

19] Cutting Tools:

1	H S S TOOLS 1/4"X1/4"X6"	80
2	H S S TOOLS 1/2"X1/2"X6"	80
3	H S S TOOLS 3/4"X3/4"X6"	80
4	Parallel shank Ø 6, HSS End mill	80
5	Parallel shank Ø 10, HSS End mill	80
6	Parallel shank Ø 16 double fluted, HSS End mill	80
7	Parallel shank Ø 20 four fluted, HSS End mill	80
8	Parallel shank Ø 25 four fluted, HSS End mill	80
9	Angle plate-adjustable 250x250x300 mm	16
10	Wheel Dresser (One for Units)	8
11	Drill sleeve 0-1, 1-2, 2-3 (morse taper)	16set
12	Grinding wheel AA 46-54 K5 V8 Ø31.75XØ175X20	48
13	AA 46-54 K5 V8 Ø72XØ250X40	40
14	Hss Hand Remear - Dia 6mm	16
15	HSs Hand Remear - Dia 8mm	16
16	Hss Hand Remear - Dia 10mm	16
17	HSS End Mill - Dia - 8mm	40
18	Die - 6mm with Die stock	24
19	Die - 8mm with Die stock	24
20	Die - 10mm with Die stock	24
21	Hss Hand Tap Set - 6mm with wrench	24
22	Hss Hand Tap Set -8mm with wrench	24
23	Hss Hand Tap Set - 10mm with wrench	24
24	Hss Hand Tap Set - 12mm with wrench	24
25	Hss Hand Tap Set - 16mm with wrench	24
26	Parting Tool 2.5mm	32
27	Solid Carbide End Mill Dia 4mm	32
28	Solid Carbide End Mill Dia 8mm	32
29	Solid Carbide End Mill Dia 14mm	16
30	Solid Carbide End Mill Dia 20mm	16
31	HSS Drill Dia 2.5mm	80
32	HSS Drill Dia 4mm	80
33	HSS Drill Dia 4.8mm	80
34	HSS Drill Dia 6.5mm	80
35	HSS Drill Dia 8mm	80
36	HSS Drill Dia 9.5mm	80
37	HSS Drill Dia 9.6mm	80
38	HSS Drill Dia 10mm	80

39	HSS Drill Dia 10.5mm	80
40	HSS Drill Dia 11mm	80
41	HSS Drill Dia 12mm	80
42	HSS Drill Dia 14mm	80
843	HSS Drill Dia 16mm	80
44	HSS Taper Shank Drill Dia 5mm	40
45	HSS Taper Shank Drill Dia 6mm	40
46	HSS Taper Shank Drill Dia 8mm	40
47	HSS Taper Shank Drill Dia 10mm	40
48	HSS Taper Shank Drill Dia 12mm	40
49	HSS Taper Shank Drill Dia 14mm	40
50	HSS Taper Shank Drill Dia 16mm	40
51	HSS Taper Shank Drill Dia 24mm	80
52	HSS Centre Drill Dia 2.5mm	80
53	HSS Centre Drill Dia 4.5mm	80
54	Surface Granite Plate -1600mmx1000x200mm	5
55	HSS Slot End Mill Dia 3mm	40
56	HSS Slot End Mill Dia 4mm	40
57	HSS Slot End Mill Dia 5mm	40
58	HSS Slot End Mill Dia 6mm	40
59	HSS Slot End Mill Dia 10mm	40
60	HSS Slot End Mill Dia 12mm	40
61	HSS Round Bit 1/4" x 6"	40
62	HSS Round Bit 1/2" x 6"	40
63	HSS COUNTER SINK DRILL BITS - 60 Degree	16
64	HSS COUNTER SINK DRILL BITS - 90 Degree	16
65	HSS SLITTING SAW - Dia 150 x 1.5 x 32	16
66	HSS SLITTING SAW - Dia 150 x 2.0 x 32	16
67	HSS SLITTING SAW - Dia 150 x 2.5 x 32	16
68	HSS Side End Face Cutter Dia 125 x 06 x 32	16
69	HSS Side End Face Cutter Dia 125 x 15 x 32	16
70	HSS Single Angle Milling Cutter Dia 50-45 Deg	16
71	HSS Single Angle Milling Cutter dia 60-30 Deg	16
72	HSS Double Angle Milling Cutter Dia 15-75 Deg	16

20] Hand Tools

1	Flat file rough 12"	420
2	Flat file second cut 12"	420
3	Flat file second cut 10"	420
4	Flat file smooth 10"	210
5	Square file second cut 10"	350
6	Square file second cut 8"	350
7	Square file smooth 8"	350
8	Half round file rough cut 12"	350
9	Half round file second cut 12"	350
10	Half round file second cut 10"	210
11	Half round file second cut 8"	210
12	Triangular file rough cut 10"	350
13	Triangular file second cut 10"	350
14	Triangular file second cut 8"	350
15	Triangular file smooth 8"	350
16	Triangular file second cut 6"	350
17	Round file second cut 12"	210

21] Work Holding Devices

1	Machine Vice with swivel base	5
2	Machine Vice without swivel base	5
3	Precision Hydraulic Machine Vice	5
4	Precision Rotary Table	5
5	Precision Sine Table	5
6	Precision Universal Dividing Head	5

22] Material Handling Equipment’s, Qty-9nos.

SPECIFICATION
Load Capacity: 1000Kg
Lifting height : 1600mm
Lowering height:90-95mm
Fork dimension(L x W):1150*560mm
Attachable Platform: W570/L1160mm
Over all L x W x H: 1580 x 750 x 2080mm
Operation: Manual Pumping
Movement: Manual
Wheels: Nylon / Polyurethene
Color: Yellow
Material : Fine Grade Heavy duty Mild Steel

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – Gokak, Yadagir, Koppal, Udupi, Gowribidanuru, Hanagal etc., across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

1]CNC Milling Machine,

2]CNC Turning Machine,

3]Conventional Vertical Milling Machine,

4]Conventional Universal Milling Machine,

5]Tool Room Precision Lathe,

6]Surface Grinding Machine,

7]Cylindrical Grinding Machine

8]Pillar Drilling Machine,

9]Power Hacksaw Machine,

10]Bench Grinder

11]Pedestal Grinding Machine

12]Conventional EDM Machine

13]CNC Wire EDM Machine

14]Co-ordinate Measuring Machine (CMM)

15]Tool Presetter

16]Air Compressor

17]DG Set 40 KVA

18]Measuring instruments,

19]Cutting tools

20]Hand Tools,

21]Work Holding Devices, / Machines Accessories

22] Material Handling Equipment's

GTTC/MCD/TENDER/MACHINERY,EQUIPMENT & OTHER/BD-211/2019-20

MEASURING INSTRUMENTS

(Should be uploaded along with the Technical bid)

Bidder Name:					
Make / Model offered:				**Delivery Required:**	**90 Days**
				Delivery Offered:	
Sl.no.	**Measuring Instruments**	**Qty.**	**Make offered**	**Acceptance of required Specification**	**If 'Not Accepted' alternate specificati**
1	Try Square 6" blade	210		ACCEPTED	
2	Vernier caliper 150mm, LC 0.02mm	42		ACCEPTED	
3	Micrometer 0-25 mm Outside LC 0.01mm	42		ACCEPTED	
4	Micrometer 25-50 mm Outside LC 0.01mm	28		ACCEPTED	
5	Micrometer 50-75mm Outside LC 0.01mm	28		ACCEPTED	
6	Optical Bevel protractor [LC 0.001 degree]	28		ACCEPTED	
7	Sine Table 200 mm	6		ACCEPTED	
9	Radius gauge 1 to 25 mm radius	10 set		ACCEPTED	
	[Concave and Convex]			ACCEPTED	
10	Inside Micrometer - Range 5 - 30mm LC 0.01mm	6		ACCEPTED	

11	Depth Micrometer - 0 - 200mm LC 0.01mm	6		ACCEPTED	
12	Magnetic Dial Stand	6		ACCEPTED	
13	Vernier Caliper - 0 - 300mm LC 0.02mm	6		ACCEPTED	
14	Dial Indicator Plunger (LC 0.01mm) & Lever (LC 0.00	6 each		ACCEPTED	
15	Electronic Digital Vernier -0 - 200mm LC 0.01mm	6		ACCEPTED	
16	Electronic Digital Comparator with stand LC 0.01 mm	6		ACCEPTED	
17	Standard Pin Guage - 1.01-10mm in Steps of 0.01m	6		ACCEPTED	
18	Dial Bore Gauge 2 point-Analog type 18-35, 35-60, 50-150 LC 0.01mm	6		ACCEPTED	
19	Thread Plug Guage & Ring Guage [M2 to M12] std. 6	6set each		ACCEPTED	
20	Thickness Guage 0.05mm to 2.00mm	6		ACCEPTED	
21	Metric Pitch Guage	6		ACCEPTED	
22	Unified Screw Pitch Guage	6		ACCEPTED	
23	Whitworth Screw Pitch Gauge	6		ACCEPTED	
24	‘V’ Block + Clamps- 150x150 mm	6		ACCEPTED	
25	Magnifying Glass with stand -10X	6		ACCEPTED	

Note: Make - Mitutoyo / Tespa / equalant

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MACHINERY & EQUIPMENTS

[CNC MIILING & CNC TURNING MACHINES]

BID REF.: GTTC/MCD/TENDER/MACHINERY/BD-214/2020-20

BIDDING DOCUMENT

SEPTEMBER - 2020

LAST DATE FOR SUBMISSION: 23.09.2020,14.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-214/2020-21

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Description	Quantity	Earnest Money deposit in Indian Rupees
01	CNC Milling Machine,	05 Nos.	4,60,000.00
02	CNC Turning Machine,	05 Nos.	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 08.09.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.23.09.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.** 25.09**.**2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. Manufacturing experience: Minimum 10 years for CNC Machinery & Equipment for OEM.

   (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model

   (b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:
   (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations.

   (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years

   The tenderer should uploaded relevant documents of all past supplies.

   Hands on training for operation and maintenance by the supplier is mandatory.

3. GST Registration Certificate & PAN Card copy

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20

6. The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the items. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 4,60,000.00 to be paid through any one of the means as mentioned below.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 23.09.2020 up to 14.00 Hrs.
- Opening of Technical Bids: 25.09.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for pprocurement of : 1] CNC Milling Machine, 2] CNC Turning Machine,
2. Sources of Funds	*Funds allocated to Govt.Tool Room & Training Centre..*

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: Govt. Tool Room & Training Centre

The name and identification number:

BID REF.:GTTC/MCD/TENDER/MACHINERY&EQUIPEMNTS/BD-214/2020-21

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.

The Purchaser's address is:
Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
The deadline for the submission of bids is
Date:**23.09. 2020**
Time: Up to **14.00 Hrs**

The technical bid opening shall take place electronically on:
Date: 25.09.2020

Time: 15.00 Hrs.

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	1] CNC Milling Machine, 2] CNC Turning Machine,	As per schedule of requirement	4,60,000.00

Mode of EMD payment: -

Rs. 4,60,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

01] CNC Milling Machine. Qty. 05 nos.

Capacity	
Table size (L X B)	650 ~ 750 X 450 ~ 550 mm
Distance from table top to spindle face	115 ~ 140 (min) / 610 ~ 660(max) mm
Load capacity on table	350 ~ 450 kg
Longitudinal X-axis	500 ~ 525 mm
Transverse Y-axis	425 ~ 475 mm
Vertical Z-axis	500 ~ 525 mm
Spindle	
Power	5.5 / 7.5 Kw
Speed	60 - 6000 Rpm
Maximum tool weight	Up to 7 kgs
Nose	BT40 / ISO 40
Axis Drive	
Feed rates	3 ~ 10,000 mm/min
Rapid Traverse (X/Y/Z)	20,000 mm/min
Accuracy	
Positioning	12 µm as per ISO 230 or equivalent
Repeatability	10 µm as per ISO 230 or equivalent
Power Supply	415V, 3Phase, 50Hz
CNC Controller	
Suitable for Universal CNC Milling Machine	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Fast presetting	
Milling cycles for complex contours	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.	
The movement of all machines axes are controlled by digital drives	
Tool life management	
Cutter compensation	
Canned cycles for simplified part programming	
NC programming using DIN/ISO code	
Online ladder display of easy diagnostics	
Features	
Standard cycles for milling, drilling, rigid tapping	
Suitable Counter balance to control drop of Z-axis during power failure	
Dampening system for enhanced accuracies	

Simulation on machine control
Manual pulse generator for work piece setting
Centralised lubrication system
Spindle auto tool clamp & de-clamp
Levelling pads
Hardened & ground sturdy linear motion guide ways & ball screws.
Coolant system
Chip conveyor system
Machine lamp
Test Mandrel
Suitable Stabiliser along with suitable Isolation transformer
Control panel should be provided with A.C. unit
All General & Geometrical tolerance shall be as per IS standards/ International standard
Accessories Required
Collets dia.3, 4, 6, 8, 10, 12, 16, 20 & 25 – 2 nos. each suitable to adaptors
Collet adaptor- Short & long (each 2 nos.)
a) Collet Adaptor- Short, to Hold 3.0 - 16.0 Dia – 2 sets
b) Collet Adaptor- Short, to Hold 16.0- 25.0 Dia – 2 sets
Hydraulic vice opening: 200mm with 5µ accuracy – 1no.
Key less drill chuck – 2 nos. to suit BT40 / ISO 40 Adaptors with set of sleeves.
One set of Tool kit shall include :
a) Clamping kit-goose neck, strap
b) T-bolts, tenons, Allen key, Washers, Studs, hexagonal nut
c) Spanner-Ring, flat & C
L- angle plate 150mm x 150mm & 250mm x 250mm (Each 1no)
Face mill Arbor 1no.
CNC Tool clamping fixture – 1no.
Pull Studs – 10 Nos.
Edge finder – 1no.
First fill of lubricants

Fanuc / Siemens CNC Controller Simulator - Hardware

FANUC / SIEMENS 0iF platform, the simulator should allow you at power on to switch between milling and turning configurations to teach programming, navigation and operation on the world's most popular CNC control.
FANUC / SIEMENS 's MGi conversational interface should be provided to allow user to graphically generate programs that can be simulated in 3D, prior to being converted back to conventional NC programs to be used on machine tools using FANUC / SIEMENS controls.
Uploading and downloading (read and punch) functions should be facilitated by means of the standard Flash ATA interface and USB interface, and DNC functions are supported by Ethernet and Flash ATA card.
The simulator is an embedded controller from Fanuc / Siemens .
No computer system should be provided.

Features of Fanuc / Siemens CNC Controller Simulator – Hardware

- Switchable mill and lathe system in one simulator
- 3 axis milling / 2 axis turning system + 1 spindle
- Manual Guide i installed for conversational program creation and 3D simulation

- Inch / metric switchable
- 512kb part program storage, with 400 registered programs
- 32 Tool offset pairs
- Work piece coordinates G52 – G59 + 48 additional on mill
- 10.4” Color LCD
- Full QWERTY keyboard
- USB, Flash ATA and Ethernet connectivity
- Optional I/O link I and RS232 serial interface
- Power: AC 100 - 240, 0.8A – 0.4A, 50 – 60Hz
- Power consumption 80w
- Weight: Approx. 26.4lb (12KG)
- Dimensions: Approx. 16.5” x 7.5” x 23.3” (421mm x 190mm x 592mm)

Various components on Fanuc / Siemens CNC Simulator:

- Power On Switch
- Power Off Switch
- Emergency Switch Button
- Jog / Feed Override
- Manual Pulse Generator
- 10.4 inch Color display
- Horizontal and vertical soft keys
- Full Qwerty Keyboard from Fanuc / Siemens
- Machine control panel from Fanuc / Siemens

CAD CAM Software with Machine Simulation
No. of Licenses: 15, License Validity: Perpetual

Supply, Installation of Multimedia based simulator for CNC Technology and interactive CNC part programming software for turning & milling with virtual machine operation and simulation using popular operation control system such as Fanuc, Siemens etc.(Web based or licensed based)
Modules:

- CNC Turn
- CNC Mill (3 Axes)
- CNC Mill (5 Axes)
- Nesting
- Complete Virtual Machine Simulation

Virtual Factory Simulation Software
One bundle of server based licences (Minimum 30), License Validity: Perpetual

- Software should be capable of designing and simulating a complete factory.
- It should be an industrial software with library components consisting of Conveyors, AGC, Shuttle Conveyor, Gantry, CNC Lathe, CNC Mill, CNC Grinding etc.
- The software should have a capability of dynamically collaborating with any PLC. It should also be possible to connect this software to existing FMS.
- Bidders can be asked to demonstrate the software and its dynamic collaboration with any existing FMS system.
- There should be 2000+ Ready to use parametric models using which students can build variety of virtual factory setups.
- Orientation as well as operation of each individual should be performed in the software
- Robots from various market leading manufacturers such as ABB, KUKA, YASKAWA, FANUC / SIEMENS etc. are readily available to program with a mouse click. Each axis of all these various robos should be simulated.
- Provision to measure various KPI (Key Performance Indicators)
- Facility should be provided to connect to external hardware devices such as PLCs, sensors, machines, DI-DO units etc. This means you can test the performance of a particular hardware in a big scenario without needing the actual setup.
- Provision to connect to various Cloud and IoT platforms
- Provision to export the files into VR (Virtual Reality) format, which enables a virtual tour of the simulated factory using your mobile phone or VR glasses.
- The bidders can be asked to demonstrate the current working of this software in collaboration with CIM / FMS system anywhere in India.

No. of seats required: 30
License validity: Perpetual
Training and support: 12 months

Fanuc / Siemens CNC Controller Simulation Software

The software should enable the training of Fanuc / Siemens CNC operation without using CNC hardware on the personal computer.
The software should be from Fanuc / Siemens.
License should be valid for lifetime
This software should be an exact replica of Fanuc / Siemens controller.
All controllers from Fanuc / Siemens which are released / made available uptill March 2018 should be made available in the software.
Option of Milling / Turning should be provided in the same software.
Programs generated on the software should be simulated in 3D on the software with all axes and machine parameters.
Programs generated on the software should be directly executed on the machine without any modification.

Features of Fanuc / Siemens CNC Controller Simulation Software:

- What you see on Fanuc / Siemens Controller should be seen in software on computer
- Should enable basic CNC screen displays for 31i Model-A and 0i-D series
- Should enable how to operate the Fanuc / Siemens CNC
- Should have the facility for Creation and editing of Part Programs Tool offset and work offset entering and edit.
- Running and testing of program for syntax errors
- Entering and editing of Macro variables Editing of parameters
- Reviewing and clearing of messages and alarms
- Creation of part programs for lathe, machining centre and compound machines
- Tool Path graphic display
- Display of finished component
- Cycle time estimation with simulation of programs
- Automatic conversion of conversational programs into conventional Gcode programs
- Hands on experience on Fanuc / Siemens CNC systems
- Simulation of all Fanuc / Siemens CNC controllers including Horizontal as well as Vertical machining Centers
- 3D Simulation of Finished / Programmed Component
- Automatic ISO Code generation
- Cycle time estimation
- 16 User License specially designed for Educational Purpose
- Programs from software can be directly imported and executed on any Fanuc / Siemens controller based machine
- Programs from the software should be able to be transformed from CPU to CNC Controller through USB device

02] CNC Turning Machine, Qty. 05nos.

Capacity: Distance between centres	230 – 260mm
Swing over bed	280 – 320mm
Maximum turning diameter	110 – 150 mm
HEAD STOCK	
Maximum Through bore	32 – 40mm
Chuck diameter	135 mm
Spindle speed	100 – 4000rpm
Spindle nose	A – 4
AXES SLIDES	
Transverse stroke: X-axis	80 -130mm
Transverse stroke: Z-axis	250 -300mm
Accuracy	
Positioning	6 µm as per ISO 230 or equivalent
Repeatability	4 µm as per ISO 230 or equivalent
FEEDS	
Variable feeds X-/Z- axis	0 – 5000 mm / min
Rapid feed X-/Z- axis	15 / 15 m / min
TOOLING SYSTEM: TURRET	
No. of tool stations	8
Spindle motor power	3.5 – 5.0 Kw (415V, 3 Phase & 50 hz)
Speed	3000 - 4000 rpm
Standardized fixing of tool holders	16 square
Maximum tool size (boring bar)	25 mm
CNC CONTROLLER	
Siemens 828D / Fanuc 0iTF	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain text DIN/ISO standard.	
The movement of all machines axes are controlled by digital drives	
Tool life management	
Cutter compensation	
Canned cycles for simplified part programming	
NC programming using DIN/ISO code	

Online ladder display of easy diagnostics
Standard Features & Accessories
1. Fully enclosed guards
2. Centralized lubrications unit
3. Coolant equipment
4. Alarm lamp
5. Work lamp
6. 3 jaw chuck (one set each of soft & hard jaws) & Tail stock
7. Set of reduction sleeves
8. Set of boring bar holders
9. Foot switch for Hydraulic chuck & Hydraulic tail stock quill
10. AC for electrical control cabinet
11. Chip tray
12. Linear motion guide ways
13. Hardened & Ground pre- loaded ball screws for axis
14. 8 station turret
15. All General & Geometrical Tolerance shall be as per IS standards / International standard
Accessories required
1. Suitable Stabilizer along with isolation transformer
2. Chip conveyor with bin
3. Axial tool holder
4. Revolving centre
5. First fill of lubricants
6. Start up tool kit

Fanuc / Siemens CNC Controller Simulator - Hardware

FANUC / SIEMENS 0iF platform, the simulator should allow you at power on to switch between milling and turning configurations to teach programming, navigation and operation on the world's most popular CNC control. FANUC / SIEMENS 's MGi conversational interface should be provided to allow user to graphically generate programs that can be simulated in 3D, prior to being converted back to conventional NC programs to be used on machine tools using FANUC / SIEMENS controls.
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- Switchable mill and lathe system in one simulator
- 3 axis milling / 2 axis turning system + 1 spindle
- Manual Guide i installed for conversational program creation and 3D simulation
- Inch / metric switchable
- 512kb part program storage, with 400 registered programs
- 32 Tool offset pairs
- Work piece coordinates G52 – G59 + 48 additional on mill
- 10.4” Color LCD

- Full QWERTY keyboard
- USB, Flash ATA and Ethernet connectivity
- Optional I/O link I and RS232 serial interface
- Power: AC 100 - 240, 0.8A – 0.4A, 50 – 60Hz
- Power consumption 80w
- Weight: Approx. 26.4lb (12KG)
- Dimensions: Approx. 16.5” x 7.5” x 23.3” (421mm x 190mm x 592mm)

Various components on Fanuc / Siemens CNC Simulator:

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- Emergency Switch Button
- Jog / Feed Override
- Manual Pulse Generator
- 10.4 inch Color display
- Horizontal and vertical soft keys
- Full Qwerty Keyboard from Fanuc / Siemens
- Machine control panel from Fanuc / Siemens

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid 1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption 2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:
- (i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
- (ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and
- (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.
- (iv) For Goods manufactured outside the Purchaser's Country, to be imported:
  - (i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.
  - (ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:
- (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
- (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
- (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
- (iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
- (v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes). 13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions	31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid. 31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis: (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected; (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above. 31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.
32 Preliminary Examination of Bids	32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted. 32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected. (a) Bid Submission Form. (b) Price Schedules, (c) Bid Security.
33 Examination of Terms and Conditions; Technical Evaluation	33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation. 33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation. 33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. Eligibility	7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country. 7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
8. Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt. 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9. Governing Law	9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.
10. Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties	16.2	For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.
	16.3	For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
	16.4	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
17. Performance Security	17.1	If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.
	17.2	The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	17.3	As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
	17.4	The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.
18. Copyright	18.1	The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier’s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier**]***, a corporation incorporated under the laws of *[insert: country of Supplier**]*** and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)**]*** (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GOVERNMENT TOOL ROOM & TRAINING CENTER.
BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

Ref.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-214/2020-21

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	
	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	

	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MACHINERY & EQUIPMENTS

[Conventional Vertical Milling with DRO, Conventional Vertical Milling Machine without DRO Conventional Universal Milling Machine With DRO, Conventional Universal Milling Machine without DRO & Conventional EDM Machine]

BID REF.: GTTC/MCD/TENDER/MACHINERY/BD-218/2020-20

BIDDING DOCUMENT

SEPTEMBER - 2020

LAST DATE FOR SUBMISSION:23.09.2020,14.00 HRS.

INVITATION FOR BIDS

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-218/2020-21

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Description	Quantity in Nos.	Earnest Money deposit in Indian Rupees
01	Conventional Vertical Milling with DRO	07	12,00,000.00
02	Conventional Vertical Milling Machine without DRO	07	
03	Conventional Universal Milling Machine With DRO	07	
04	Conventional Universal Milling Machine With without DRO	07	
05	Conventional EDM Machine	03	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 08.09.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt. 23.09.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 25.09.**2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM.

    (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model

    (b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:
    (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations.

    (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years

    The tenderer should uploaded relevant documents of all past supplies.

    Hands on training for operation and maintenance by the supplier is mandatory.

3. GST Registration Certificate & PAN Card copy

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20

6. The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the items. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 12,00,000.00 to be paid through any one of the means as mentioned below.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per - procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 23.09.2020 up to 14.00 Hrs.
- Opening of Technical Bids: 25.09.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for pprocurement of : 1] Vertical Milling Machine with DRO 2] Vertical Milling Machine without DRO 3] Universal Milling Machine with DRO 4] Universal Milling Machine without DRO 5] Conventional EDM Machine
2. Sources of Funds	*Funds allocated to Govt.Tool Room & Training Centre..*

For other instructions refer to General Terms & Conditions for Bids

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: BID REF.:GTTC/MCD/TENDER/MACHINERY&EQUIPEMNTS/BD-2182020-21

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 23.09. 2020** Time: Up to **14.00 Hrs**
The technical bid opening shall take place electronically on: **Date: 25.09.2020** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Conventional Vertical Milling Machine with DRO	As per schedule of requirement	12,00,000.00
02	Conventional Vertical Milling Machine without DRO		
03	Conventional Universal Milling Machine with DRO		
04	Conventional Universal Milling Machine without DRO		
05	Conventional EDM Machine		

Mode of EMD payment: -

Rs. 12,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

01] **VERTICAL MILLING MACHINE WITH DRO Qty. 07 nos.**

02] **VERTICAL MILLING MACHINE WITHOUT DRO Qty. 07 nos.**

Table size	1500~1550mm x 300~350mm
Traverse	
Longitudinal Auto	Up to 800mm
Manual	
Transverse Auto	Up to 250mm
Manual	Up to 280mm
Vertical Auto	Up to 400mm
Manual	Up to 430mm
Rapid Traverse	
Longitudinal	~ 4000 mm / min
Transverse	~ 4000 mm / min
Vertical	~ 1000 mm / min
Spindle	
Speed range / steps	40-2000 / 10 -16
Taper	ISO40 / BT40
No. of feeds	18
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Vertical	5-200mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standard	
2. Spindle housing should be rigid to ensure vibration free & smooth machining	
2. Optimum spacing of precision roller bearings to ensure vibration free cutting.	
3. Double nut lead screw to eliminate back lash	
4. Motor shaft end should be supported by a bearing for prolonged machine life	
5. Rapid feed for all the three axes should be available	
6. Centralised lubrication system	
7. Coolant tank with motorised pump	
8. Machine lamp with bulb	
9. Mechanical Linear scale for X, Y, Z axis	
10 Machine manual, Electrical circuit drawings, spares required for 1 year	

11 First fill of lubricants
12 Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
13 Squareness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
Standard Accessories:
1. Collet adaptor- Short & long
2. Collets from 4mm-20mm in steps of 1mm
3. Machine vice with out Swivel base, jaw opening upto 200mm
4. Standard tool kit
5. Test mandrel
6. Shell end mill adaptor - short & long

03] **KNEE TYPE UNIVERSAL MILLING MACHINE WITH DRO** **Qty. 07 nos.**

04] **KNEE TYPE UNIVERSAL MILLING MACHINE WITHOUT DRO** **Qty. 07 nos.**

Size	
Table size	1550mm x315mm
Swivel of table on either side	45 Degrees
Traverse	
Longitudinal Auto	Up to 800mm
Manual	Up to 830mm
Transverse Auto	Up to 230mm
Manual	Up to 260mm
Vertical Auto	Up to 400mm
Manual	Up to 420mm
Distance between Horizontal spindle axis and table top	~ 50 - 450 mm
Rapid Traverse	
Longitudinal	~ 2500 mm / min
Transverse	~ 2500 mm / min
Vertical	~ 600 mm / min
Spindle	
Speed range/steps/progression	40-2000/12/1.4
Taper	ISO40 / BT40
No. of feeds	18
Vertical milling head swiveling	45 degrees on either side
Feed range	
Longitudinal	15-850mm/min
Transverse	15-850mm/min
Milling spindle motor	3.5 ~ 5.5Kw
Feed motor	1 ~ 1.5 kw
Standard Features:	

1. All General & Geometrical tolerances shall be as per IS standards / International standards.
2. Spindle housing should be rigid to ensure vibration free & smooth machining
3. Optimum spacing of precision roller bearings to ensure vibration free cutting.
4. Double nut lead screw to eliminate back lash
5. Motor shaft end should be supported by a bearing for prolonged machine life
6. Rapid feed for all the three axes should be available
7. Centralised lubrication system
8. Coolant tank with motorised pump
9. Machine lamp with bulb
10. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
11.Machine manual, Electrical circuit drawings, spares required for 1 year
12.First fill of lubricants
13 Squarness of spindle axis to longitudinal and cross traverse shall be less than 20 microns for 300mm length.
14. Mechanical Linear scale for X, Y, Z axis
Accessories:
1. Arbor Dia.22, Dia.27 & Dia.32
2. Face mill adaptor- Short & long
3. Collet adaptor- Short & long
4. Collets from 4mm-20mm in steps of 1mm
5. Machine vice with out Swivel base, jaw opening upto 200mm
6. Stub Arbor –ISO40 / BT40 -Dia. 16, Dai.22, Dia.27 & Dia.32
7. Screw type MT1-MT4
8. Standard tool kit

05] Conventional EDM Machine, Qty. 03 nos.

SPECIFICATION	
Table Traverse X x Y x Z	Up to 280mm x Up to 200mm x 250mm
T-slots	10mm – 3nos.
Max. height from table	240-260mm
Servo system	DC stepper servo
Filter element	10µ paper filter
Pump motor	3phase, 1.5hp
Max. weight of job	Up to 200kgs.
Electrode weight	Up to 50kgs.
Quill travel	Up to 250mm (Z axis Travel)
Pulse Generator	
Power supply	3phase, 415V AC, 50Hz
Working current	Max. 40 amps.
Surface finish	0.8µ Ra
Connected load	3KVA
Electrode wear	≤ 0.1%
Di-electric unit	
Dielectric capacity	-175 Ltrs
Filter element	10µ paper filter with metal cover

Features:
1. Table should be made from close grained casting
2. Repeat positioning accuracy ≤ 6microns
3. Axes position display
4. Should have needle roller bearings to ensure table movement
5. Should have symmetric guide ways.
6. Precision ground screws with double lock nut should be provided for adjustment of backlash.
7. DRO for X,Y,Z movement
8. Test mandrel for checking spindle accuracy
9. Multi stage anti arc.
10. Safety interlocks should be provided
11.All General & Geometrical tolerances shall be as per IS standards / International standards.
12. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
Accessories:
1. Magnetic bed size: 200mm X 300mm
2 Mini vice
3. Electrode holders
4. Magnetic V-block
5. Clamps
6. V-block with clamp
7. Set of spare filters

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-.

a) Credit Card.
b) Debit Card.
c) National Electronic Fund Transfer (NEFT)
d) Over the Counter (OTC) (Axis Bank)

20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee.

20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive.

20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security.

20.6 The Bid Security may be forfeited:

(a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or

(b) If the successful Bidder fails to:

(i) Sign the contract in accordance with ITB Clause 43;

(ii) Furnish a Performance Security in accordance with ITB Clause 44.

20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.

23 Format and Signing of Bid

23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.

24.1 Bidders shall submit their bids through e-Procurement

24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.

25 Deadline for Submission of Bids

25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system.

25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

26 Withdrawal, Substitution, and Modification of Bids

26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
- (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. Eligibility	7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country. 7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
8. Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt. 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9. Governing Law	9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.
10. Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier’s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GOVERNMENT TOOL ROOM & TRAINING CENTER. BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

Ref.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-218/2020-21

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	
	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF MACHINERY & EQUIPMENTS

[TOOL ROOM PRECISION LATHE, SURFACE GRINDING MACHINE, CYLINDRICAL GRINDING MACHINE & TOOL & CUTTER GRINDER]

BID REF.: GTTC/MCD/TENDER/MACHINERY/BD-219/2020-20

BIDDING DOCUMENT

SEPTEMBER - 2020

LAST DATE FOR SUBMISSION:23.09.2020,14.00 HRS.

INVITATION FOR BIDS

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-219/2020-21

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Description	Quantity in Nos.	Earnest Money deposit in Indian Rupees
01	Tool Room Precision Lathe,	18	10,00,000.00
02	Surface Grinding Machine,	10	
03	Cylindrical Grinding Machine	9	
04	Tool & Cutter Grinder	6	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 08.09.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.23.09.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.** 25.09.2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM.

   (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model

   (b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:
   (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations.

   (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years

   The tenderer should uploaded relevant documents of all past supplies.

   Hands on training for operation and maintenance by the supplier is mandatory.

3. GST Registration Certificate & PAN Card copy

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20

6. The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the items. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 10,00,000.00 to be paid through any one of the means as mentioned below.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per - procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission:23.09.2020 up to 14.00 Hrs.
- Opening of Technical Bids:25.09.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid

Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for pprocurement of :

1] Tool Room Precision Lathe
2] Surface Grinding Machine
3] Cylindrical Grinding Machine
4] Tool & Cutter Grinder

2. Sources of Funds

Funds allocated to Govt.Tool Room & Training Centre..

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: Govt. Tool Room & Training Centre

The name and identification number:

BID REF.:GTTC/MCD/TENDER/MACHINERY&EQUIPEMNTS/BD-214/2020-21

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.

The Purchaser's address is:
Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
The deadline for the submission of bids is
Date: 23.09. 2020
Time: Up to 14.00 Hrs

The technical bid opening shall take place electronically on:
Date: 25.09. 2020
Time: 15.00 Hrs.

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	a] Tool Room Precision Lathe, b] Surface Grinding Machine, c] Cylindrical Grinding Machine d] Tool & Cutter Grinder	As per schedule of requirement	10,00,000.00

Mode of EMD payment: -

Rs. 10,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

TOOL ROOM PRECISION LATHE, Qty.18nos.

.	
CAPACITY	
Distance between centres	500mm - 600mm
Swing over bed	270mm - 300mm
Swing over Carriage	125 mm
TAIL STOCK	
Internal Spindle taper	MT3
Spindle stroke	140 mm
Spindle Ø	T S Quill 50mm
Quick lock tail stock assembly (provide lever with eccentric locking arrangement no use of spanner for gripping the tail stock on bed.)****	
SPINDLE	
Motor Power	2.25 kw / 3 hp (Approx.)
Spindle Speed	71 - 1800 rpm (Approx)
No. of steps	8 or 12
Spindle bore	38-40mm
Max. Thru bore	38-40mm
Features:	
1. All General, Dimensional & Geometrical tolerance shall be as per IS standards or any international standards.	
2. Enclose Test charts which has been followed (BIS / JIS / ISO or any reputed standards).	
3. Spindle run out ≤ 10µ	
4. Should have machine lamp	
5. Should be provided with coolant system	
6. Leg brake to be provided	
7. Power transmission through Gears	
8. Should have collet attachment	
9. Lead screw driver diameter 30mm	

10. safety clutch for lead screw to be provided
11. Drop warm box apron assembly only
12. Monetary control shaft for spindle operating forward and reverse
Accessories:
1. 3 jaw chuck - Ø 150 / 160 mm (SECO / TURNO / UNNAT / equivalent)
2. 4 jaw independent chuck Ø 200mm
3. Follower rest & Steady rest with Bronze jaws
4. Manual draw bar with plastic star knob for retraction
5. 60° Male centre Hardened steel
6. MT3 Revolving centre (optional)
7. Collet chuck with collets - in steps of 0.5mm, from 4mm - 12mm
8. Face plate - Ø 200mm
9. Tool Kit
10.Taper Turning attachment (optional)
11. Quick change Tool Post (optional)
12. DRO (optional)

SURFACE GRINDING MACHINE, Qty.10nos.

Longitudinal travel	500 ~ 600 mm~
Cross traverse	200 ~ 250mm
Table speed	Up to 10m/min.
Distance between table & spindle Centre	300 ~ 350mm
Grinding head	
Spindle power	2~3 hp
Grinding spindle speed	2500-3000rpm
Standard Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	
2.Hydraulically operated longitudinal table movement with variable speeds	
3. Cross slide shall be rapid and auto feed solid state realy control (Potentio Meter control). Cross feed Y- Axis Dial LC 0.010MM. Vertical feed Z-Axis motorised rapid movement with Dia LC 0.002MM	
4. YZ axis movement must have manual movement	
5.. Automatic lubrication of lead screws, guides	
6. Flatness of machined surface should be within 5µ for a length of 100mm.	
7.. Coolant system with motorised pump	
8.. Machine Lamp with bulb	
9. Machine manual, Hydraulic & Electrical circuit drawings, spares required for 1 year	
10. First fill of lubricants	
11. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
Standard Accessories:	
1. Grinding wheel dia. As per machine manufacture standard	
2. Wheel balancing mandrel & balancing Stand	
3. Set of service tools, belt sets	
4. Table mounted wheel dresser	
6. Complete hydraulic equipment including motor, pump, valve & tank	
7. Magnetic bed 500x200mm	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	

Cylindrical Grinding Machine, Qty. 09Nos.

Centre height	120-150mm
Table	
Min. auto travel	2mm
Table speed	0.1-5m / min.
Wheel head	
Wheel size	300 x 40 x 127mm
Peripheral speed	30-33m / sec
Motor power	2.2kw
Swivel range	0-15-30º
In feed system	
Initial positioning	150 ~ 200mm
Rapid approach	40mm
In feed with hand wheel	20mm
Min. incremental feed on dia.	1µ
Max. plunge depth in auto	1.7mm
Coarse feed rate	0.015-6mm / min.
Fine feed rate	0.015-3mm / min.
Tail stock	
Quill travel	20mm
Quill taper	MT3
Internal grinding head	
Spindle housing bore dia.	Minimum 60mm
Max. spindle speed	15000 - 18000 rpm
Std. spindle	Día 60 x 250mm
Standard machine should include following Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standard.	

2. Automatic grinding cycles including rapid approach, coarse, fine, spark off & retraction with PLC controller of reputed make.
3. Hydraulic table travel on V & Flat guide ways with continuous lubrication.
4. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply
5. Machine manual, Electrical circuit drawings, spares required for 1 year
6. First fill of lubricants
7. Fully ribbed high grade cast iron body construction.
Standard accessories:
1. Complete coolant tank with motor & pump
2. Complete hydraulic equipment including motor, pump, valve & tank
3. Wheel balancing mandrel
4. Set of service tools, belt sets
5. Table mounted wheel dresser
6. Carbide center for work head & tailstock
7. lubricating oil for wheel & work head spindle
8. Internal grinding spindle dia. 60 X 250mm (16000rpm)
9. live spindle draw bar
10. Electrical equipment suitable for 415V & 50Hz cycle
11. Grinding wheel with adaptor
12. 3 jaw &4 jaw self centering chuck
13. Dia 200 Magnetic chuck
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.

Tool & Cutter Grinder - Qty.: 06nos.

Table	
Table size	850 x 125mm
Longitudinal traverse	400mm
Cross traverse	200mm
Swivel on either side of centre	45º
Capacity	
Max. swing on std.centres	Up to 250mm
Swing with raising blocks	350mm
Length between work head & tail stock	350mm
Distance between centres	450mm
Max. distance between wheel centre to table	300mm
Wheel head	
Vertical adjustment of wheel head	210mm
Swivel	360º
Tilting in either direction	±180º
Spindle speed	3500-5800rpm
Features:	
1. All General & Geometrical tolerances shall be as per IS standards / International standards.	
1. Universal cutter head with MT-3 adaptor sleeve.	
2. Column shall be protected from dust	
3. Rigid machine base & column	
4. Coolant system	
5. Machine lamp with bulb	
6. Dividing attachment	
7. Balancing arbor	
8. Precision collets	
9. work piece holder	
10. Infinitely variable speed	
11. Collet wrench	
12. Ejector rod	
13. levelling pads	
14. Double end wrench	
15. Nut wrench	
16. Belt for spindle drive	
17. Centre for work head spindle	
18. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
19. Machine manual, Electrical circuit drawings, spares required for 1 year	

20. First fill of lubricants
21. Wheel guard Grinding wheel sleeve
22. Swivel based universal vice
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid	10.1 The Bid shall comprise the following: (a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15; (b) Bid Security in accordance to ITB Clauses 21; (c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22; (d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid; (e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin; (f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents; (g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS
11 Bid Submission Form and Price Schedules	11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format. 11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.
12 Alternative Bids	12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.
13 Bid Prices and Discounts	13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below. 13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31. 13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered. 13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form. 13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:
   (i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
   (ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and
   (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.
   (iv) For Goods manufactured outside the Purchaser's Country, to be imported:
   (i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.
   (ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:
   (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
   (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
   (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
   (iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
   (v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions	31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
	31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis: (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected; (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
	31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.
32 Preliminary Examination of Bids	32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.
	32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected. (a) Bid Submission Form. (b) Price Schedules, (c) Bid Security.
33 Examination of Terms and Conditions; Technical Evaluation	33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
	33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
	33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on _____________ day of ____________________, ________ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. Eligibility	7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country. 7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
8. Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt. 8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
9. Governing Law	9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.
10. Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-219/2020-20

SURFACE GRINDING MACHINE

(Should be uploaded along with the Technical bid)

Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:	**20 Nos.**	**Delivery Offered:**	
		Acceptance of required Specification	**If 'Not Accepted' alternate specification**
Longitudinal travel	500 ~ 600 mm~	ACCEPTED	
Cross traverse	200 ~ 250mm	ACCEPTED	
Table speed	Up to 10m/min.	ACCEPTED	
Distance between table & spindle Centre	300 ~ 350mm	ACCEPTED	
Grinding head			
Spindle power	2~3 hp	ACCEPTED	
Grinding spindle speed	2500-3000rpm	ACCEPTED	
Standard Features:			
1. All General &Geomentrical tolerances shall be as per IS standards / International standards.		ACCEPTED	
2. Hydraulically operated longitudinal table movement with variable speeds		ACCEPTED	
3. Cross slide shall be rapid and auto feed solid state realy control (Potentio Meter control). Cross feed Y- Axis Dial LC 0.010MM. Vertical feed Z-Axis motorised rapid movement with Dia LC 0.002MM		ACCEPTED	
4. YZ axis movement must have manual movement		ACCEPTED	
5.. Automatic lubrication of lead screws, guides		ACCEPTED	
6. Flatness of machined surface should be within 5µ for a length of 100mm.		ACCEPTED	

7.. Coolant system with motorised pump	ACCEPTED	
8.. Machine Lamp with bulb	ACCEPTED	
9. Machine manual, Hydraulic & Electrical circuit drawings, spares required for 1 year	ACCEPTED	
10. First fill of lubricants	ACCEPTED	
11. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	ACCEPTED	
Standard Accessories:		
1. Grinding wheel dia. As per machine manufacturer staandard	ACCEPTED	
2. Wheel balancing mandrel & balancing Stand	ACCEPTED	
3. Set of service tools, belt sets	ACCEPTED	
4. Table mounted wheel dresser	ACCEPTED	
6. Complete hydraulic equipment including motor, pump, valve & tank	ACCEPTED	
7. Magnetic bed 500x200mm	ACCEPTED	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

BID REF.: GTTC/MCD/MACH. ACCS & OTHERS/BD-221/2020-20

PROCUREMENT OF MACHINE ACCESSORIES, WORK HODLING DEVICE, CUTTING TOOLS, HAND TOOLS, MARKING TOOLS , MEASURING INSTRUMENTS, PILLAR DRILLING MACHINE, POWER HACKSAW MACHINE, BENCH GRINDER, PEDESTAL GRINDING MACHINE, AIRCOMPRESSOR, DGSET & MATERAIL HANDLING

BIDDING DOCUMENT

SEPTEMBER- 2020

LAST DATE FOR SUBMISSION: 25.09.2020,14.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.: GTTC/MCD/MACH. ACCS & OTHERS/BD-221/2020-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Machine Accessories	Lum sum	
02	Work Holding Devices	Lum sum	
03	Cutting Tools	Lum sum	
04	Hand Tools	Lum sum	
05	Marking Tools	Lum sum	
06	Measuring Instruments	Lum sum	
07	Pillar Drilling Machine,	15 Nos.	
08	Power Hacksaw Machine	10 Nos.	
09	Bench Grinder	09 Nos.	
10	Air Compressor	02 Nos.	
11	DG Set 40KVA	05 Nos.	
12	Material Handling Equipments	11 Nos.	
13	Tool Pre-setter	05 Nos.	
14	Pedestal Grinder	19 Nos.	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 10.09.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.25.09.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 28.09.**2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).

2. Manufacturing experience: Minimum 05 years for machinery/equipment/items for OEM.

   (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model.

   (b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:
   (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations.

   (ii) The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years.

   The tenderer should uploaded relevant documents of all past supplies.

   Hands on training for operation and maintenance of items to be provided by the supplier.

3. *GST Registration Certificate & PAN Card copy*

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.

5. Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20

6. The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the items. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 120 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) **Eighty** (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 9,00,000.00 to be paid through any one of the means as mentioned below.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 25.09.2020 up to 14.00 Hrs.
- Opening of Technical Bids: 28.09.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid

1] Machine Accessories

2] Work Holding Devices

3] Cutting Tools

4] Hand Tools

5] Marking Tools

6] Measuring Instruments

7] Pillar Drilling Machine,

8] Power Hacksaw Machine

9] Bench Grinder

10] Air Compressor

11] DG Set 40KVA

12] Material Handling Equipments

13] Tool Pre-setter

14] Pedestal Grinder

2. Sources of Funds *Funds allocated to Govt.Tool Room & Training Centre..*

For other instructions refer to General Terms & Conditions for Bids

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: BID REF.: GTTC/MCD/MACH. ACCS & OTHERS/BD-221/2020-20

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 25.09.2020** Time: Up to **14.00 Hrs**
The technical bid opening shall take place electronically on: **Date:28.09. 2020** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Machine Accessories	As per schedule of requirement	9,00,000.00
	Work Holding Devices		
	Cutting Tools		
	Hand Tools		
	Marking Tools		
	Measuring Instruments		
	Pillar Drilling Machine,		
	Power Hacksaw Machine		
	Bench Grinder		
	Air Compressor		
	DG Set 40KVA		
	Material Handling Equipments		
	Tool Pre-setter		
	Pedestal Grinder		

Mode of EMD payment: -

Rs. 9,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

01] PILLAR DRILLING MACHINE, Qty. 15 nos.

Maximum Drilling size in steel	25 mm
Spindle taper	MT3
Spindle traverse	140 mm
Pillar diameter	80 ~ 150mm
Max. distance between spindle & table	560 mm
Max. distance between spindle & base	1065 mm
Working area of table	300 - 350mm square (3 T- slots, 14 H 7)
Max. Job weight	Upto 50Kgs
No. of spindle speeds & range	08 steps
Accessories:	
1. Key less Drill chuck	
2. Motorized coolant pump	
3. Machine lamp with bulb	
4. Drift	
5. Reduction sleeve from MT3 to MT2, MT2 to MT1 (1set each)	
6. Machine vice - 150mm opening	
Features :	
1. Electrical equipment suitable for 415V & 50Hz, 3 phase, AC supply	
2. Machine manual, Electrical circuit drawings, spares required for 1 year	
3. Tapping attachment to be included for tapping upto M16	
4. All General & Geometrical tolerances shall be as per IS standards / International standard.	
Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.	

02] POWER HACKSAW MACHINE,Qty. 10Nos.

Power Hacksaw Machine	
Specification	
Round size that can be cut	Up to Dia 200 mm
Square size that can be cut	Up to 175mm
Stroke length	Up to 140mm
No. of speed strokes	3Nos.
Range of strokes (per minute)	70 ~ 150mm
Blade size	400x32mm x blade thickness
Main Motor	2~3 HP, 415V, 3 Ph, 50 Hz
Features:	
1. Rigidly built construction with high grade casting	
2. Accurate guide ways for reciprocating movement of frame	
3. Castings should be seasoned and stress relieved	
4. Coolant system shall be provided with pump & motor	
Note: In addition to above requirements, mention the other standard accessories that will be offered along with the machine. Also, please indicate the optional accessories separately.	

03] Bench Grinder : Qty. 9 nos.

Specification:

Max wheel size	150 x 20mm
Hole diameter	12.7mm
No load speed	2,850rpm
Overall dimensions	375mm

04] Pedestal Grinder, Qty.19nos.

PEDESTRAL GRINDER Includes: ON /OFF Rotatory Switch, One set of Grinding Wheels, One set of Splash Guards	
Specification	
Size of Grinding Wheel	200 x 25 x 19.05 mm
Centre distance between wheels	415mm
Base to Spindle Centre	900mm
Wheel speed	2800 rpm
Motor Rating	06 Kw / 0.8 hp
Electricals with DOL Starter	415V / 3Ph / 50 Hz

05] Tool Presetter, Qty. 05nos.

Technical Specification

Measuring Range	
X axis	0-300 mm Dia
Z axis	0-400 mm
Spindle Taper	
Standard	BT/ISO 50/40/30
Spindle Accuracy	0.002mm
Minimum Read Value	
X axis	0.001mm (Radius)
Z axis	0.001mm
Checker Dial	
X axis	0.001mm (Radius)
Z axis	0.001mm
Tool Clamp	Vacum
Power	AC 220V
Projector (optional) Direct Projection of tool to ensure sharp and accurate image, mounted at the back of the spindle for ease in the reading to avoid tool holder interference.	100Ø screen with 20x Magnification
Above equipment to be supplied with Test Mandrel & Table	

06] Air compressor: 5HA Qty - 02nos.

Air Compressor -5 HP	Two Cylinder
	Reciprocating Oil Cooled
	20 to 25 Cfm
	Cut Off 6.5 Kgs to 8 Kgs
	Max Cap; 12 kg
	Tank Capacity; 220- 250 Litters

07] Diesel Generator Set   40 KVA,   Qty. 05 Nos.
Rated capacity40kva 415v Air co0lled Engine with three phase output and AMF Control panel

08] Measuring Instruments

Vernier Height Gauge 300 mm	6	Nos.
Vernier Caliper 0 -150 mm	145	Nos.
Vernier Caliper 0 - 200 mm	145	Nos.
Digital Vernier 0 - 150 mm	29	Nos.
Dial Vernier 150 (0.02 LC)	58	Nos.
Outside Micrometre 0-25 mm	87	Nos.
Outside Micrometre 25-50 mm	87	Nos.
Universal Magnetic Dial Stand	58	Nos.
Vernier Bevel Protractor	29	Nos.
Thread Pitch Gauge Metric	29	Nos.
Thread Pitch Gauge Metric & Inches	29	Nos.
Radius Gauge upto 7mm	290	Nos.
Radius Gauge from 7.5 – 15mm	290	Nos.
Feeler Gauge 0.05 to 1.0 mm	58	Nos.
Angle Gauge	174	Nos.
Slip Gauge Box	7	Nos.
Dia Indicator - 0.001mm with Styallus	25	Nos.

09] Cutting Tools

HSS Drill bit Straight Shank Dia 2 to 12 mm (Step of 0.5 mm)	145	Set
HSS Drill bit taper Shank Dia 13 to 20 mm (Step of 0.5 mm)	58	Set
HSS Drill bit Straight Shank for Tapping holes. M4 - M10 Tap size. (ϕ3.3, 4.2, 5.0,6.8, 8.5)	87	Set
HSS Tap Set for Size M4 - M12 with wrench	58	Set
HSS Die M4 - M12 with Die Stock	58	Set
HSS Hand Reamer Dia 6 - 10 mm	58	Set
HSS Machine Reamer Dia 6 - 10 mm	58	Set
HSS Counter sink bit 120 degree	145	Nos.
HSS Counter bore bit for Allen Screw Head size M6 - M12	29	Set
HSS Centre drill Dia 2 mm	290	Nos.
HSS Centre drill Dia 3.0 mm	290	Nos.
HSS Centre drill Dia 6 mm	290	Nos.
HSS Centre drill Dia 8 mm	290	Nos.
Stone Carborandum Size: 25 x 25 x 100 mm	290	Nos.
Oil Stone 25 x 52 x 150 mm	290	Nos.
HSS Tool Bit 1/4Inch x 1/4” x 6Inch	35	Nos.
HSS Tool Bit 1/2Inch x 1/2” x 6Inch	35	Nos.
HSS Round Bit Dia 6mm x 4Inch	58	Nos.
HSS Round Bit Dia 8mm x 4Inch	58	Nos.
Knurling Tool Straight & Diamond cut	29	Nos.
Side and face milling cutter Dia 100 x 10 X Dia 25 mm	58	Nos.
Side and face cutter Dia 80 x 10 X bore size Dia 27 mm	58	Nos.
Cylindrical milling cutter Dia 63 x 70 x bore size Dia 27 mm	29	Nos.

Slitting Saw cutter Dia 75 x 3 X bore size Dia 27 mm	58	Nos.
Slitting Saw cutter Dia 100 x 6 X bore size Dia 27 mm	58	Nos.
Single angle cutter Dia 75 x 16 x bore size Dia 27mm - 600	29	Nos.
Single angle cutter Dia 75 x 20 x bore size Dia 27 - 450	29	Nos.
Equal angle cutter Dia75x 30 x bore size Dia 27 - 900	29	Nos.
Shell End Mill Dia 63 x 70 x Bore Dia 27 mm	29	Nos.
Shell End Mill Dia 50 x 36 x bore size Dia 22 (preferably inserted tip type)	116	Nos.
Parallel shank End mill Dia 6	145	Nos.
Parallel shank End mill Dia 10	145	Nos.
Parallel shank End mill Dia 16 double fluted	145	Nos.
T slot cutter with parallel shank Dia 17.5x8mm width shank Dia8mm	15	Nos.
Concave Milling cutter Dia 63 x 6 radius x bore size Dia 27 mm	29	Nos.
Convex Milling cutter Dia 63 x 6 radius x bore size Dia 27 mm	29	Nos.
Disc type form milling cutter (involutes form -1.5 & 2 module, 20° pressure angle)	29	Nos.
Parallel shank HSS End mill Dia 5 mm, Dia 8mm, and Dia 12 mm	116	Set
Woodruff key seating cutters A 13.5x3, A16x4	29	Set

10] Hand Tools

Flat file Bastard 12 Inch	685	Nos.
Flat file Second Cut 12 Inch	650	Nos.
Flat file Second Cut 10 Inch	720	Nos.
Flat file Second Cut 8 Inch	396	Nos.
Flat file Smooth 10 Inch	540	Nos.
Flat file Smooth 8 Inch	619	Nos.
Flat file rough 12 Inch	145	Nos.
Hand file second cut file 10 Inch	461	Nos.
Square file Bastard 12 Inch	575	Nos.
Square file Second Cut 10Inch	540	Nos.
Square file Second Cut 8Inch	290	Nos.
Square file Second Cut 6Inch	174	Nos.
Square file Smooth 8 Inch	290	Nos.
Square file Smooth 6 Inch	174	Nos.
Square File with safe edge 8 Inch	174	Nos.
Pillar file With Safe Edge 8 Inch	396	Nos.
Pillar file With Safe Edge 6 Inch	396	Nos.
Triangular file Bastard 10 Inch	396	Nos.
Triangular file Second Cut 10 Inch	295	Nos.
Triangular file Second Cut 8 Inch	216	Nos.
Triangular file Second Cut 6Inch	246	Nos.
Triangular file Smooth 8 Inch	396	Nos.
Triangular file Smooth 6 Inch	174	Nos.
Round file Bastard 12 Inch	174	Nos.
Round file Second cut 12 Inch	174	Nos.
Round file Second cut 10 Inch	174	Nos.

Round file Second cut 8 Inch	145	Nos.
Round file Second cut 6 Inch	174	Nos.
Round file Smooth 10 Inch	174	Nos.
Round file Smooth 6 Inch	174	Nos.
Half Round file Bastard 12 Inch	174	Nos.
Half Round file Second cut 12 Inch	174	Nos.
Half Round file Second cut 10I nch	174	Nos.
Half Round file Second cut 6 Inch	174	Nos.
Half Round file Smooth 10I nch	319	Nos.
Half Round file Smooth 6 Inch	174	Nos.
Knife Edge file Second cut 10 Inch	174	Nos.
Knife Edge file Second cut 8 Inch	174	Nos.
Knife Edge file Second cut 6 Inch	319	Nos.
Knife Edge file Smooth 8 Inch	174	Nos.
Knife Edge file Smooth 6 Inch	174	Nos.
Warding file Smooth 6 Inch	174	Nos.
Needle File	290	Set
HSS Hand Hacksaw Blade 18TPI	870	Nos.
Hacksaw Frame Fixed 300mm	580	Nos.
Flat Chisel	290	Nos.
Ball peen Hammer 250 gms & 500 gms	145	Set
Hammer Cross Peen 0.75 kg with handle	29	Nos.
Tap Wrench Small	145	Nos.
Tap Wrench Big	145	Nos.
File Brushes	145	Nos.
Bench Brushes	290	Nos.
Machine Brushes	35	Nos.

11] Marking Tools

Outside Caliper (Divider) 150	145	Nos.
Inside Caliper (Divider) 150	145	Nos.
Divider spring type – 150 mm	29	Nos.
Odd leg caliper firm joint 0- 150 mm	29	Nos.
Try Square 4 Inch Blade	174	Nos.
Try Square 6 Inch Blade	290	Nos.
Adjustable Try square 4”	145	Nos.
Bevel edge Try Square 4”	58	Nos.
Protractor	174	Nos.
Scriber	725	Nos.
Center Punch	464	Nos.
Prick Punch	464	Nos.
Number Punch 5 mm	58	Nos.
Persian Blue Tube	145	Nos.
Surface Plate Granite 600 x 600 x 80 mm	6	Nos.

12] Machine Accessories

Self Centering Drill Chuck 12 mm	58	Nos.
Drill Chuck with Key 12 mm	58	Nos.
Sleeves MT 1	58	Nos.
Sleeves MT 2	58	Nos.
Sleeves MT 3	58	Nos.
Taper Turning Attachment	7	Nos.
Revolving Centre	58	Nos.
Dead Centre	116	Nos.
Rotary Table	7	Nos.
Collet Dia 4 to 12mm	29	Set
Universal Machine Vice	7	Nos.

13] Work Holding Devices

Precision Vice	7	Nos.
Machine vice 150 mm (Drilling)	7	Nos.
Angle Plate Adjustable 250x250x300mm	7	Nos.
Magnetic V Block	7	Nos.
V-Block 7 cm with Inch C Inch clamp	14	Set
Tool Makers clamp 2Inchx 5Inch	14	Nos.
Clamp InchCInch 5Inch	35	Nos.
Clamp InchCInch 10Inch	35	Nos.
Strap Clamp set	35	Set
Goose neck Clamp set	35	Set
Sine bar 200 mm	7	Nos.
Tool Maker Mini Vice 175L x 63W x 63H (Jaw opening 0-85)	7	Nos.
Tool Maker Mini Vice190L x 73W x 73H (Jaw opening 0-100)	7	Nos.
Tool Maker Mini Vice 235L x 88W x 88H (Jaw opening 0-125)	7	Nos.

14] Material Handling Equipment's, Qty-11nos.

SPECIFICATION
Load Capacity: 1000Kg
Lifting height : 1600mm
Lowering height:90-95mm
Fork dimension(L x W):1150*560mm
Attachable Platform: W570/L1160mm
Over all L x W x H: 1580 x 750 x 2080mm
Operation: Manual Pumping
Movement: Manual
Wheels: Nylon / Polyurethene
Color: Yellow
Material : Fine Grade Heavy duty Mild Steel

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible, indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria
- Section III. Bidding Formats

- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language

specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination as specified.

	(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).
	13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country
	14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions	31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid. 31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis: (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected; (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above. 31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.
32 Preliminary Examination of Bids	32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted. 32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected. (a) Bid Submission Form. (b) Price Schedules, (c) Bid Security.
33 Examination of Terms and Conditions; Technical Evaluation	33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation. 33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation. 33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

	Bidder. 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41 Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
43Notification of Award	43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. 43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract. 43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.
44 Signing of Contract	44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.
45Performance Security	45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser. 45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association	6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. Eligibility	7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
	7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
8. Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.
	8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
9. Governing Law	9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.
10. Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
	10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties	16.2	For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.
	16.3	For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
	16.4	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
17. Performance Security	17.1	If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.
	17.2	The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
	17.3	As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
	17.4	The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.
18. Copyright	18.1	The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance

by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier’s risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s*[1]*) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GTTC/MCD/MACH. ACCS & OTHERS/BD-221/2020-20

AIR COMPRESSOR	**Qty. 2 Nos.**		
(Should be uploaded along with the Technical bid)			
Bidder Name:			
Make / Model offered:		**Delivery Required:**	**90 Days**
Quantity offered:		**Delivery Offered:**	
		Acceptance of required Specification	**If 'Not Accepted' alternate specification**
SPECIFICATION			
Air Compressor -5 HP	Two Cylinder	ACCEPTED	
	Reciprocating Oil Cooled	ACCEPTED	
	20 to 25 Cfm	ACCEPTED	
	Cut Off 6.5 Kgs to 8 Kgs	ACCEPTED	
	Max Cap; 12 kg	ACCEPTED	
	Tank Capacity; 220- 250 Liters	ACCEPTED	

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

BID REF.: **GTTC/MCD/TENDER/ELEC,ELECT. & SCIENCE LAB. EQUIPMENTS/BD-222/ 2020-20,**
Dated:19.09.2020

PROCUREMENT OF ELECTRICALS, ELECTRONIS & SCIENCE LAB. EQUIPMENTS

BIDDING DOCUMENT

SEPTEMBER- 2020

LAST DATE FOR SUBMISSION: 06.10.2020,14.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.: GTTC/MCD/TENDER/ELEC,ELECT. & SCIENCE LAB. EQUIPMENTS/BD-222/ 2020-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	ELECTRICAL, ELECTRONICS & SCIENCE LAB. EQUIPMENTS	Lum sum	6,00,000.00

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 19.09.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01.

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.06.10.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.**08.10.2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).

(a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model.

(b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:
(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations.

(ii) The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years.

The tenderer should uploaded relevant documents of all past supplies.

Hands on training for operation and maintenance of items to be provided by the supplier.

3. GST Registration Certificate & PAN Card copy

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.

5. Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20

6. The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.

7. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs. 5.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

9. Bidder shall quote for all the items. Partial quote is not accepted.

10. The quoted price shall include (Taxes, transportation, unloading & Installation at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

11. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) **Eighty** (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 6,00,000.00 to be paid through any one of the means as mentioned below.
  - (a) Credit Card.
  - (b) Debit Card.
  - (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per - procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **<u>the price bid should</u>** **<u>NOT</u>** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 06.10.2020 up to 14.00 Hrs.
- Opening of Technical Bids: 08.10.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid ELECTRICAL, ELECTRONICS SCIENCE LAB EQUIPMENTS

2. Sources of Funds *Funds allocated to Govt.Tool Room & Training Centre..*

For other instructions refer to General Terms & Conditions for Bids

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: BID REF.: GTTC/MCD/TENDER/ELEC,ELECT. & SCIENCE LAB. EQUIPMENTS/BD-222/ 2020-20

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 06.10.2020** Time: Up to **14.00 Hrs**
The technical bid opening shall take place electronically on: **Date:08.10.2020** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	ELECTRICALS &ELECTRONIS,&SCIENCE LAB. EQUIPMENTS	As per schedule of requirement	6,00,000.00

Mode of EMD payment: -

Rs. 6,00,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

1	Vernier calipers	With L.C 0.01cm having Metaillic scale marked in cm, with objects cylinder & hollow cylinder	30
2	Screw gauge	U-Shaped metallic frame with L.C 0.01mm with objects :glass plate, metal plate, thin wire and metallic sphere	30
3	Law of concurrent forces apparatus	Vertical Drawing Board fixed with pulleys. Weights 50g each with weight hangers set	30
4	Moment bar	Having two vertical metallic stands, two spring balances measuring up to 500 g .horizontal bar.	30
5	Surface tension apparatus	Traveling microscope, having L.C 0.005cm, both horizontal and vertical movement of telescope, eye piece with fine cross-wire, slow moving stand, beaker, with capillary tube	30
6	Viscosity apparatus	Aspiratory bottle, cork, capillary tube, stopwatch, measuring jar. With stand to keep Aspiratory bottle	30
7	Boyle's law apparatus	● Wide bore glass tube mounted vertically in front of a scale graduated 0 to 60cm ● Zero corresponds to the inside of the closed (top) end of the tube ● Air is confined in the tube by a coloured oil contained in a metal pressure chamber ● Pressure chamber is fitted with a Bourdon type gauge calibrated 0 to 3.5kg cm^2 (0 to 50 lb/in^2) actual pressure ● A valve is fitted to the air inlet tube from the pump ● As the pressure in the oil chamber is increased, oil level and its actual (total) pressure are directly indicated ● Tube is made of extra strong glass and is securely covered with transparent plastic on the front ● Overall height of apparatus approx. 690mm	24

8	Sonometer	Wooden box fixed with meter scale, pulley, metallic string, weight with weight hanger (500g each)	30
9		Consists of a resonance tube brass N.P. 100cms, reservoir brass N.P. 250ml & meter scale both sides millimeters, which are mounted on wooden polished board. The reservoir is caged in wooden block that has sliding facility.	30
10	Electronic balance	0.1g accuracy 500g capacity	12
11	Tuning fork set	Set of eight tuning forks of different frequency blue steel(Ragg's type)	24

1	**Workstation Specifications(General requirement of any Electrical, Electronics and Mechatronics Labs)**	**Test Bench for Electrical and Electronics Lab consists of Instruments, panel meters, and required instruments and working area.** · The complete Work Bench is to be made of M.S. (except the Top) and is Powder Coated in two colors for better aesthetic looks. · The overall dimensions of the Standard workstation should be 1500X 1340 X 800 And The Dimensions will be changed for Customized table. · Working area is made from 25mm Thick wood based plain particle board with one side post forming 9 (flat profile) 0.8mm Marino laminate and another side 0.6mm white balancing laminate. Remaining three sides of the work top should be lipped with 2mm PVC edge band. · Fixed drawer units for storage facility (400X200) · Fixed Additional storage cabinet for storing the trainer kits and other accessories. (Size- 670X425) · Caster Wheel with locking mechanism is provided for front side of workstation, so that it can be easily moved.	2 0

		· Provision to install PC Desktop & LCD Monitor, Keyboard drawer. · 250/ 1500 size of Perforated Sheet for hanging tools and other accessories. · Two exhaust fan to be provide for better ventilation and to reduce the instruments heat up. · Workstation should have 4 AC input sockets and Switches for Additional instruments connections on the Work area. · Workstation should have Emergency pushbutton for any unpredicted Short circuits. · MCB of 2 poles to be provided with Panel. · Each workstation to be provided with 2 Stools/chairs to Sit and work for Students. **Following Equipment/Instruments to be part of the Workstation.** **50MHz Oscilloscope**: 50MHz, Real-time Sample Rate 500MSa/s (Single Channel), Number of Channels 2 CH +1 Ext Memory Depth 32Kpts (Single Channel). Acquisition Modes Normal/Average/Peak Detect. Average Selectable from 4 to 256. Vertical Sensitivity 2mV/div - 10V/div, Vertical Resolution 8 bits. Input Impedance 1 MΩ ±2% II 17 pF ±3 pF. Input Coupling DC, AC and GND, Maximum Input Voltage ±400Vpp, Trigger Sources CH1, CH2, Ext, Ext /5, AC Line. Trigger Modes Auto, Normal, Single. Trigger Type Edge, Pulse Width, Slope, Video, Alternate. Cursor Measure Manual, Track and Auto measure mode. **Digital Multimeter (4 ½ digit).** **DC Power Supply :** Dual DC 0-32 V; 0-2 Amp – Digital display for Voltage and Current, Current limit : 100 mA - 2 A continuously adjustable. Resolution : Voltage:100mV , current:10mA, Stability : 2.5mV at 30V/2A Temperature coefficient : 0 to 40º C ,80% RH. Digital Display for Voltage and Current Over Range Indication : Glowing LED’s indicate overload, Excellent Line & Load Regulation, Constant Voltage and Constant Current Source	

		Signal Generator: Frequency: 1Hz to 3MHz, LCD for Frequency Display, 20Vpp Signal Output. Operating Modes : Sine, Square, Triangle, etc. Free running or external frequency modulated, with or without DC offset. Frequency Range : 1 Hz - 3 MHz in decade steps, variable control between steps. Frequency Accuracy : ± 0.5%, Frequency Range and Mode : Microcontroller based Selection. Frequency Stability : <0.1 % / h or 0.3 % / 24 h at constant ambient temp. (medium position of frequency control) **Different ranges Analog Volt and Ammeter meter**, **Digital Voltmeters and ammeters.** **Soldering Stations with variable Temperature control.** **Wattmeter with external transducer for single phase, Digital Clamp On Meter,** Basic Circuit Designing Software(TINA) to be provided along with the workbench to perform simulation of experiments. Suitable Consumables such as ICs, components, transformers, breadboard/spring boards etc to be provided with the workstation to perform the experiments.	
2	**ELECTRICAL INSTALATION AND WIRING PRACTICE TRAINER**	Setup should be a Table Top Panel/individual work station with all the required accessories/components with minimum following specifications. >> 1 Phase AC input supply panel, 1ph. MCBs of 4A/1.6A - 2nos., gounding & protection panel consists of a 2 pole Earth Leakage Circuit Breaker (ELCB) 25A with current imbalance of 30mA., One NO push button to create Earth leakage fault., One SPDT to select HI- leakage or LO-leakage fault., One 15W bulb for Hi-Leakage fault & 22K resistor for Lo leakage fault., >> Integrated AC measurement panel for V, I, PF, W, Wh, VA, VAR, Hz, etc., Current specs = 1A/5Afor 1ph. meter (170-250V)., AC Powered lamp panel - 2nos, DC Power supply panel , DC supply for down lighter, Switches and socket panel (different type), Buzzer/bell switch/ Neon panel, Dimmer and Fault panel, Lamp and Lights Panel, display panel showing various wiring accessories,	8

		Conduit, Elbow joints, casing taping, Cleats, Batten with clips, cable/wires etc. l Wiring practice board: A replaceable Rigid PVC board should be should be supplied for wiring practice by students using self-tapping screws & wiring accessories using drilling machine to drill holes etc **Scope of Learning:** 1. Electrical Safety Rules for working in laboratories 2. Variety of wiring experiments based on above operational panels 3. Study of Protective Devices Panel 4. Study and use of Measurement Devices 5. Understanding working of various types of lamps including tube, led & other high intensity lamps 6. Hands on wiring practice using cables, casing and hand tools	
3	**Earthing and Safety Trainer**	The “Electrical Safety Demonstrator is a useful board for students to understand the basic concepts and fundamentals of many electrical safety standards. Before working with any electrical or electronic device, it is essential to learn about these electrical safety standards. The trainer is helpful to learn, how to avoid accidents, that generally occuring while handling any electric or electronic device. The trainer has been designed for the people who are working in an electrical environment. Trainer should includes following panels · Input 3 phase DOL Starter panel · 3 Ph. Bidirectional power cum Energy meter panel · Earth Leakage Relay panel · Earth Leakage Circit Breaker panel	6

		· Earthing panel **Scope of Learning:** **A)** Interconnection and earthing of frames. 1. Occurrence of fault when one enclosure is grounded. 2. Occurrence of fault through neutral when one enclosure is grounded. 3. Occurrence of fault when both the enclosures are grounded. **B)** Working with Protection relay 1. Tripping of protection relay. 2. To determine residual current device sensitivity. 3. Calculating maximum value of ground resistance. **C)** Tripping a residual current device 1. Tripping a residual current device with one ELR & one ELCB. 2. Tripping a residual current device with one ELR & two ELCBs. 3. Measurement of fault current. 4. Tripping of higher current rating residual current device. 5. To avoid tripping of all the circuit breakers in an installation. **D)** Checking the earth ground resistance. 1. Testing with low value resistance. 2. Testing with high value resistance	
4	**Industrial Installation Trainer**	Facilitates to test industrial components to enhance the industrial employment skills. Should facilitates easy and safe wiring by Students, Setup should come with minimum following experimental panels **DOLStarter panel**: 4 pole MCB of 415 V/1A., Bimetallic thermal O/L relay with range, Different **Lamp Load Panel:** Each panel should consists of different lamp loads, **MCB Isolator Panel**, **Different Contactor panel:** contactor with 230V / 50 Hz / 11VACOILwith 3 nos NO type power contact, 2 NO, 2 NC logic contacts.,	6

		Over Load Relay Panel: Bimetallic thermal O/L relay with range 440V/1.4A- 2.3Awith 3 power contact, one trip & Alarm contact. **Push Button Panel:** Consists of Industrial grade Illuminated push button with one NO & one NC contact, supports One Mushroom Switch, 4 nos of smaller type instruments grade push buttons with one NO & one NC contact. , 3 Pole **7 way CAM Switch Panel:** Consists of 3 pole 7 way CAM switch connection brought out on banana socket, **Proximity Cum. Limit switch Panel:** Consists of 1 no. of NPN type inductive proximity sensors & defused reflective type proximity sensors operated on 24VDC supply. , Supports One change over type limit Switch with NO & NC contact. , **Alarm Announciator Panel:** Consists of four no potential free fault contacts., **24VDC Power Supply Panel, Dual Timer Panel:** Consists of two nos of Individual Timers 24V DC or 230Vac operated supply coil., Each Timer Supports 2 NO & 1 NC contacts. **Relay Panel**: Consists of 8 nos of change over type relays with NO, NC & Common contacts for each with supplly coil of 24VDC. Supports lamp LED Indication for 8 outputs. **3 Ph. Bidirectional power cum Energy meter panel**: (EMT 34/20) [8 shrouded Banana] l Bidirectional Multifunction l 3 Phase ¾ wire, 415V, CTInput 5A l LCD/LED display, Aux supply 230V, 45-65 Hz, 5W l V,I., Hz, Pf, KVA, KW,KWH **3 phase AC Squirrel: With T**erminals brought out for star delta Expt. **Scope of Learning:** 1. Study of components in electrical systems and their operations. 2. Study of Hold ON Contact Logic. 3. Study of interlocking contact logics with trip indication. 4. Study of DOL starter logic. 5. Study of Star-Delta Logic (Automatic/ Semi Automatic/Manual) 6. Study of phase reversal logic.	

		7. Study of Sequential logic to start motors in a process plant using timers & AA panel. Optional experiments with PLC. 8. Study of Earth Leakage Fault and Tripping Threshold.	
5	**Electrical Work Station**	Electrical Workstation should offers an excellent approach to the teaching of Electrical Machines principles by introducing a unique modular designed control unit. It should provides flexibility for the students to carry out experiments over AC and DC Machines using a large selection of Industry standard inbuilt components. Electrical Machines is one of the most important area of study as it helps users to understand the operational characteristics and working of AC and DC Machines. Trainer should enables user to put their theory knowledge into practice with ease. Workstation should comprises of separate AC and DC measuring sections equipped with all the necessary instruments such as digital meters, facility to connect AC and DC Supplies along with protection devices such as Fuses, MCB's, Supply Indicators, etc. There should be multiple buses provided on the Workstation to make external connections while performing AC and DC Machines Experiments. The design of the control unit ensures to get the highest quality practical experience to the student. All the necessary protective measures are to be taken to avoid fault or danger Workstation should have the following Features: Compatible for Machines upto 2HP. Equipped with Measurement Facilities for Experimentation on AC Machines, DC Machines and Transformers. Separate AC and DC Measuring Sections. Diagrammatic representation of AC and DC Machines for better understanding. Standard BS-10 terminals, patch cords for safety purpose.	4

		Terminals provided to obtain Three Phase Fixed as well as V ariable AC and DC Supplies with suitable protection. High Quality Digital T achometer for RPM Measurement. Motors provided with standard Mechanical Loading Arrangement Facility. Motors with 'aluminum' casted Brak e-Drum/Pulley with he at suppression facility. Machines with Class 'B' Insulation. Flexible shaft coupling arrangement (Lovejoy) for Motor Generator (MG) Sets. Machines provided with Heavy Duty Base/Channel with suitable interconnection. Machines provided with suitable protections such as MCB's, F uses, Motor Generator (MG) Sets provided with coupling protective cover. Generator with Electrical Loading Arrangement Facility. Durable good quality spring balance. Designed by considering all the safety measures.

1	**Industrial Analog and Digital Sensor Training Platform**	**Objective:** To impart training to the students on latest analog sensors with industrial applications **I. Sensor Training Kit - Analog** The training platform should be suitable to cover below topics with detailed learning on each of the topics: **1.1 Basics of analog sensors** 1.1.1 Basics of analog input and output 1.1.2 Basics of analog sensors 1.1.3 Industrial applications of analog sensors **1.2 Analog output calibration** 1.2.1 Taking output of analog sensors 1.2.2 calibrating output of analog sensors 1.2.3 display and interpretation of output of analog sensors	

1.7 Automation with Analog Sensors:

1.7.1 Electrical connections of analogue sensors.

1.7.2 Output connections from various types of analogue sensors

1.7.3 Distance measurement with the use of ultrasonic sensor.

1.7.4 Analog Power supply voltage measurement and display.

1.7.5 Application based variations in various types of sensors

1.7.6 Use of counter

2. Design & General Arrangement of Sensor Training Kit:

Sensor training kit should be designed in a way that a work surface is mounted on a panel which can be used as a cupboard to store various items of sensor training kit.

Work surface should have a minimum dimension of 750mm x 500mm.

Work surface should be made of aluminium extrusions (Anodised) on which various sensors can be easily mounted.

3.0 Workstation/Kit wise List of components

3.1 Analog Distance Sensor

3.2 Analog Ultrasonic Sensor

3.3 Load / Strain Measuring Unit with Display

Load / Strain Amplifier

3.4 Analog Inductive Sensor M12

3.5 Analog Inductive Sensor M18

3.6 Ultrasonic Distance Measurement Sensor with Display

3.7 Analog Power Supply with Digital Display

2 different output connections with potentiometer to vary the supply and digital display to display the output voltage

3.8 Power Distribution Box (Input 24V)

Power distribution box with 24VDC, 10 Amp power supply

3.9 Sensing Unit

Sensing unit is designed in such a way that it can easily slide in T slots of aluminium extrusions Metal Scale

3.10 Sensing Elements

Different types of sensing elements

3.11 Set of 2mm patch cords
3.12 Table with Castor Wheels and Brakes (600 x 350 x 750)
3.13 Aluminum Profile Plate 750mm x 540mm
3.14 Dial Vernier - Mitutoyo Make
3.15 Digital Multimeter
3.16 Metal Scale

II. Sensor Training Kit - Digital

Objective: To impart training to the students on latest digital sensors with industrial applications

1. Training Content:

1.1 Basics of digital sensors
1.1.1 Basics of digital input and output
1.1.2 Basics of digital sensors
1.1.3 Industrial applications of digital sensors

1.2 Digital output calibration
1.2.1 Taking output of digital sensors
1.2.2 Understanding the variation in response time of various sensors

1.3 Automation with Digital Sensors:
1.3.1 Electrical connections of digital sensors.
1.3.2 Output connections from various types of digital sensors
1.3.3 Use of counter

2. Design & General Arrangement of Sensor Training Kit:

Sensor training kit should be designed in a way that a work surface is mounted on a panel which can be used as a cupboard to store various items of sensor training kit.

Work surface should have a minimum dimension of 750mm x 500mm.

Work surface should be made of aluminium extrusions (Anodised) on which various sensors can be easily mounted.

3.0 Workstation/Kit wise List of components

		3.1 Inductive Proximity Sensor - M12 3.2 Inductive Proximity Sensor - M18 3.3 Fibre Optic Sensor with digital display and teach mode 3.4 Diffuse Sensor PNP type - M18 3.5 Through Beam Sensor PNP - M18 3.6 Reflex Sensor PNP - M18 3.7 Capacitive Proximity Sensor 3.8 Frequency Counter Unit (Digital) 3.9 Sensing Unit Sensing unit is designed in such a way that it can easily slide in T slots of aluminium extrusions Metal Scale 3.10 Sensing Elements Different types of sensing elements 3.11 Set of 2mm patch cords 3.12 Table with Castor Wheels and Brakes (600 x 350 x 750) 3.13 Aluminum Profile Plate 750mm x 540mm 3.14 Dial Vernier – 3.15 Digital Multimeter 3.16 Metal Scale	

II OT Control Station – Central Control Unit		
Function	Control of complete system	2
	Cloud connectivity with data transfer facility	
	Supervisory control as well as monitoring	
	3D process simulation as well as design facility	
Components	Hardware based operator panel with necessary switchgear to access functions such as 'CYCLE START', 'RESET', EMERGENCY STOP', 'ERROR DISPLAY', 'DIGITAL INPUT VOLTAGE DISPLAY', 'MODE SELECTION' etc	
	Workstation with licensed operating software and dual monitor display (21 inch minimum each)	

	RJ 45 ports (Minimum 2) for profinet connectivity	
	Solenoid valve bank with PLC connectivity and optimum number of valves for complete process operation	
	Air treatment unit with FRL, AIR Filter and 3/2 hand slide valve	
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm with MDF based top for user operation	
	Siemens S7 1500 PLC with optimum Di / Do / Ai and Ao to operate entire process	
	Remote i/o connectivity with each IIOT station	
	Siemens KTP 900 HMI for process operation	
	Complete control panel for PLC and HMI operation with necessary stabiliser	
	Barcode Printer	
Software	Industrial SCADA Software with unlimited tags and perpetual license	
	3D simulation and design software (Factory simulation) with 30 NOS perpetual licenses	
	OPC UA connectivity between the hardware and 3D simulation software	
	PLC operation software with perpetual validity	
	HMI operation software with perpetual validity	
	3D design and simulation software for 6 axes industrial robot (Software should be of the same make as of Robot)	
Note: The above mentioned station should be a mobile unit with 4 lockable castor wheels provided for easy movement of the unit. The station should have an arrangement for locking the station.		
The station should be able to operate in individual mode as well as in integration mode with other stations. User should be able to separate the station from entire setup to operate it individually and connect it to other stations whenever required.		

Function	Dispensing of Bearing housings of all three sizes	2
	Sorting of three sizes of bearing housings with pneumatic gauging	
	Reading of barcode pasted on bearing housing and assigning UIN (Unique Identification Number) to each housing	
	Assigning the size of each bearing housing to its UIN	
Components	Conveyor with minimum dimensions of 120mm x 300mm to place bearing housings (Feeder Conveyor)	

	Pneumatic Gauging systems for sorting of three types of bearing housings	
	Barcode Reader which will read the barcode automatically without any manual intervention	
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station	
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.	
IIOT / Industry 4.0 Parameters	Counting of each type of bearing housings (Total three types)	
	Counting of total no. of bearing housings placed on the feeder conveyor	

Note: The above mentioned station should be a mobile unit with 4 lockable castor wheels provided for easy movement of the unit. The station should have an arrangement for locking the station.

The station should be able to operate in individual mode as well as in integration mode with other stations. User should be able to separate the station from entire setup to operate it individually and connect it to other stations whenever required.

Function	Dispensing of three different types of bearing which will be assembled in three types of housings	2	
	Vision sensing of three types of bearings		
	Sorting of three types of bearings with the help of vision sensor		
	Taking picture of each bearing before it is processed for assembly		
Components	Vision Sensor (Teachable) which can distinguish between the three types of bearings		
	Conveyor with minimum dimensions of 80mm x 300mm to transfer bearings (BRG Feeder Conveyor)		
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station		
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.		
IIOT / Industry 4.0 Parameters	Counting of each type of bearing (Total three types)		
	Counting of total no. of bearing placed on the BRG feeder conveyor		
	Assigning picture of each bearing to its UIN		

	Assigning time stamp to picture of each bearing with its UIN	
Note: The above mentioned station should be a mobile unit with 4 lockable castor wheels provided for easy movement of the unit. The station should have an arrangement for locking the station.		
The station should be able to operate in individual mode as well as in integration mode with other stations. User should be able to separate the station from entire setup to operate it individually and connect it to other stations whenever required.		

IIOT Station 3 – Assembly Station with UIN		
Function	Assembly of Bearings with pneumatic press unit	2
	Sorting of three types of assembled units	
	Assigning UIN to assembled unit with its child parts and their relevant UINs	
	Processing of assembled unit to take a picture with vision sensor	
Components	Assmbly station with pneumatic press	
	Pneumatic pressure switch to measure the pressure at which assembly is carried out	
	Temperature sensor to measure the temperature at which assembly is carried out	
	Conveyor with minimum dimensions of 80mm x 300mm for transfer of assembled bearing units	
	Load cell to measure the weight of assembled unit	
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station	
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.	
IIOT / Industry 4.0 Parameters	Counting of each type of assembled bearing unit (Total three types)	
	Counting of total no. of assembled bearing unit placed on the assembly conveyor	
	Assigning picture of assembled unit to its UIN	
	Assigning time stamp of assembly to its UIN	
	Assigning assembly temperature to bearing assembly UIN	
	Assigning assembly pressure to bearing assembly UIN	
	Assigning total assembly weight to bearing assembly UIN	
	Calculate and assign the total time required for the assembly to its UIN	

Note: The above mentioned station should be a mobile unit with 4 lockable castor wheels provided for easy movement of the unit. The station should have an arrangement for locking the station.		
The station should be able to operate in individual mode as well as in integration mode with other stations. User should be able to separate the station from entire setup to operate it individually and connect it to other stations whenever required.		
IIOT Station 4 – Automatic Storage Station		
Function	Automatic Storage of Assembled Units	2
	Warehousing application	
Components	Storage unit with minimum 12 storage cells	
	Relevant sensors to determine status of each storage cell (Occupied / empty)	
	Humidity Sensor to measure humidity of storage unit	
	Temperature Sensor to measure temperature of storage unit	
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station	
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.	
IIOT / Industry 4.0 Parameters	Continuous display of status of each storage cell	
	Assigning storage cell number to UIN of each bearing assembly	
	Assigning storage humidity to assembly UIN	
	Assigning storage temperature to assembly UIN	
	Assigning timestamp of storage to assembly UIN	
Note: The above mentioned station should be a mobile unit with 4 lockable castor wheels provided for easy movement of the unit. The station should have an arrangement for locking the station.		
The station should be able to operate in individual mode as well as in integration mode with other stations. User should be able to separate the station from entire setup to operate it individually and connect it to other stations whenever required.		
Industrial Robot Station		
Function	Various functions as per optimum requirement from Station 1 to station 4	2
	Basic functions such as pick and place as well as assembly should be carried out with industrial robot	
Components	Industrial 6 axes Robot from international reputed make (Fanuc / Mitsubishi / KUKA)	
	Minimum reach of 500mm	
	Articulated 6 axes robot	
	Optimum end effector arrangement	

	Industrial robot mounted on a gantry equipped with linear motion guideways	
	Minimum travel of gantry should be 2 meter	
	Necessary arrangement to make sure that robot base height is in coordination with the height of IIOT stations	
	Weight of the robot should not exceed 42 KG	
	Robot should be programmed with dedicated teach pendant	
IIOT / Industry 4.0 Parameters	Dynamic position of robot	
	Gripper status (Clamp / Declamp)	
	Called program of a robot	
	Status of Robot (Waiting of Command / In Operation / Operation Complete)	

Movable Control pendant with touch screen HMI (8 meter) Specifications:
This is an operation pendant for ASRS as well as horizontal gantry system. Basic operations such as referencing, coordinate setting, program calling can be done with this operation pendant.
RJ 45 ports are provided on ASRS as well as Central control station. This pendant can be connected with any of the RJ45 ports.
Movable pendant should consist of:
· Handheld HMI unit
· 7 inch color HMI with profinet communication
· Industrial 4 pin power connection with flexible cable of minimum 8 meter length
· Industrial RJ45 port with 8 meter profinet cable
3D Simulation Software Specifications
· 3D software should be dynamically linked with CIM / FMS system through SCADA
· 3D software should be compatible with OPC-UA
· Position of each of the equipment should be dynamically displayed in the software
· Complete operation should be simulated as well as dynamically executed in the software in real time
· Software should have 3D models of all leading Robots such as from KUKA, Fanuc, etc available in the library.
· Software should have 3D models of Gantries as well as conveyors from leading manufacturers such as Gudell available in the library
· Software should have AGVs as well as ASRS models available in the library

· Software should be capable to import IGES files
· 3D MODELS OF ALL LEADING ROBOT MANUFACTURING COMPANIES SUCH AS Fanuc, KUKA, Mitsubishi and ABB should be available in the library.
· The robotic arm provided should be readily available in the software. The software should be capable to design the provided cell exactly as per the layout in 3D.
· Any process being carried out in the system (hardware) should be dynamically simulated in the software in realtime.
· No of licenses: 30 (LAN Based)

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTER.
BANGALORE
CLIENTS LIST

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. If required additional sheets may be added separately in the same format.]

Name of Bidder	
Item & Model:	

Note : The bidders must mention the details of supplied relevant machine only in the below mentioned tables. Unwanted

Sl.No.	Clients Name & Address	Telephone No.	Contact Person	Supplied Items / Model No.			Date of Supply

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

UPGRADATION OF MACHINERY AND EQUIPMENTS OF GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS

BID REF.: GTTC/MCD/TENDER/MACH – EQUIPT/BD-223/2020-21, Dated:07.11.2020**,**

BIDDING DOCUMENT

NOVEMBER- 2020

LAST DATE FOR SUBMISSION: 14.12.2020,17.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.: GTTC/MCD/TENDER/MACH – EQUIPT/BD-223/2020-21, Dated:07.11.2020**,**

UPGRADATION OF MACHINERY AND EQUIPMENTS OF GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Description	Quan tity	Earnest Money deposit in Indian Rupees
01	Procurement of CNC 5 AXIS Milling Machine	01	10,00,000.00
02	Procurement of CNC 4 AXIS Milling Machine	01	
03	Procurement of CNC 3 AXIS Milling Machine - X Axis-2000MM, Y Axis-1500mm, Z Axis – 800mm	01	
04	Procurement of CNC 3 AXIS Milling Machine - X Axis-7000MM, Y Axis-500mm, Z Axis-500mm	01	
05	Profile Projector	01	
06	Roundness Measuring Machine	01	
07	Micro Height Guage	01	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from **08.11.2020** till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01.

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before **Dt.14.12.2020**, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on **Dt.16.12.2020** after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).

   a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % **(40% with respect to Micro and Small Enterprises)** of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design.

   b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided;

      (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

      (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.

a) All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM.

b) The tenderer must have an office and a sales and service center located in Karnataka and shall have operated out of such office and such sales and service center for at least the previous 3 (three) years necessary proof to be produced.

c) The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents.

Hands on training for operation and maintenance of items to be provided by the supplier.

3. *GST Registration Certificate & PAN Card copy*

4. Income Tax Returns filed for the last three financial years

5. The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years **(50% with respect to Micro and Small Enterprises during previous 2 financial years).**

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

7. Bidder shall quote for all the items. Partial quote is not accepted.

8. The quoted price shall include (Taxes, transportation, unloading & Installation at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

9. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) **Eighty** (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

NOTE :

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

3. As part of Scope of Work entire works including any civil work like concrete base, partitioning, masonry construction of base or any parts should be taken as responsibility of Bidder.

4. Electrical Panel: Sufficient to handle all the electrical component and 3-4 additional slots for any further requirement
5. Design & drawing, preparation of specification, submission of operation and maintenance manual for Panels.

6. Demonstration for operation of centre for minimum period of 1 month including man power, Spares and consumables etc and necessary tools shall be from bidder.

7. Supplier should provide Professional Services. Accordingly supplier should quote the price.

8. This is a TURNKEY project. Supplier has to do up-gradation of Service Centre, commissioning and erection of Machinery / equipment. Proper training to be provided to GTTC officials / Technicians / Engineers in order to operate these machines / equipments

9. Wiring, Maintenance, Complete solution for installation and commissioning of entire project shall be responsibility of Bidder.

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

Swivel Head 5-Axis CNC Mill, Qty. 01 No.	
Specification	
Traverses	
X axis	1100 mm
Y axis	1100 mm
Z axis	525 mm
A axis	-120 deg to +30 deg
C axis	360 deg
Axis Drive:	
Feed rates	1-20000 mm/min
Rapid Feed rates (X/ Y/ Z)	40/40/40 m/min axis
A axis-Dual drive tandem control	9000 deg/min
C axis-Direct drive	21600 deg/min (60 rpm)
Table:	
Size	Æ800 mm
Max. job size	1000mm X 500mm
Max. safe load	500 Kg
Distance from table top to spindle	125-650mm
Table top from floor	1050 mm
Spindle:	
Spindle	Motorized spindle
Power Cont.(S1)	40 kW
Torque Cont. /Intermit.(S1/S6-40%)	100/136 Nm
Spindle Speed	15000 rpm
Spindle nose taper	HSK A-63
Automatic Tool changer:	
No. of tools	30-Umbrella
Type of tool selection	Fixed
Tool change time (chip to chip)	5 Sec
Max. tool Dia	75 mm
with adjacent pocket empty	125mm
Max. tool length	300mm
Max. tool weight	8 Kg
Accuracy: As per ISO 230-2 standard	
Positioning (X,Y,Z axis)	12 microns
Repeatability	8 microns
Positioning (A axis)	20 arc sec
Positioning (C axis)	15 arc sec
Features	

01. CNC System: Continuous 5axis package Siemens / Hidnenhain / FANUC latest version
2. Cutting Coolant nozzles
3. Absolute encoder
4.RS 232 serial port-Plug and Play
5. Rigid tapping
6.Coolant gun
7.Total machine guards
8. Bed wash
9 AC unit , Standard Electrical cabinet
10 Pressurization of measuring scales
11. Air Blast for tool taper cleaning
12. Oil Skimmer
13. Non contact tool measuring system - Like Renishaw NC4 or equivalent
14. Work Probe - Like Renishaw RMP 600 or equivalent
15. Manual Pulse Generator
16. Post Processor
Accessories Required
1. Coolant tank with dual chip conveyor
2. Voltage Stabliser
3. Tool Kit
4. Test Mandrels
5. Instruct Manuals

CNC Milling 4 axis, Qty. 01 No.	
Specifications	
Traverses :	
• X axis stroke	1500 mm
• Y axis stroke	800 mm
• Z axis stroke	700 mm
Rotary Table make : Ucam or Equivalent	Dia 320 mm
Table	
• Table Working Area	700 x 1700mm
• 5 Nos. `T' Slots of Size	18mm at 125mm CD
• Maximum Load on Table	2000 Kgs
SPINDLE	
• A.C. Spindle Drive	15 kW (@ 50% E.D.)
• Variable spindle Speed	6000 rpm
• Spindle nose taper	BT 40
• Instant Tool Clamping by disc springs and declamping by hydro-pneumatic cylinder	
Feed Drives	
· AC Servo drives	
· Hardened and Ground Linear Motion Guideways in all three axes	
· Hardened & Ground Ball Lead Screws in all three axes	
· Feed rate 1-10000mm/min	
· Rapid feed rate X / Y / Z axes 15,000mm/min.	
Accuracy - As per ISO 230-2 Standard	
Positioning	22 microns
Repeatability	18 microns
Automatic Tool Changer	
No. of tool	24
• Type of tool selection	Random
• Tool change time (tool to tool)	2.5 Secs
• Max. tool dia	75mm
• With adjacent pocket empty	140mm
• Max. tool length	250mm
• Max. tool weight	8 Kg

Controller : Fanuc OiMF / Siemens 828D
· 4 axes control
· 8.4" Color LCD
· 512 KB Part Program memory length
· Custom Macro B
· Inch/metric conversion
· Background editing
· Run hour & Parts count display
· Mirror Image
· Backlash Compensation
· Dry run
· Linear & Circular interpolation
· Scaling
· RS 232C Serial interface port
· Rigid tapping
· Manual pulse generator
· Absolute Encoder
· Graphics
· Pitch error compensation
· Embedded Ethernet
· Retraction for Rigid tapping
Machine Features
Rigid Tapping for Machines without Tool Magazine
Automatic lubrication system
Coolant tank and chip tray
Work Probe – like Renishaw RMP60-Q or Equivalent
OEM PCMCIA Card
A. C. Unit for Electrical Cabinet
Accessories
· Machine lamp
· Instruction manuals
· Standard Electricals
. Tool Kit
Coolant Gun
Suitable - Voltage Stabilizer
BT 40 Pull Stud – 20 Nos.
Test Mandrel

CNC Milling Machine, Qty. 01 No.	
Specification	
Traverses	
X axis stroke	2000mm
Y axis stroke	1500mm
Z axis stroke	800mm
Table	
Table size	2200mm x 1500mm
Table Working Area	2000 x 1500mm
`T' Slots of Size	9mm X22X 250 (width x number x pitch)
Maximum Load on Table	6000 Kgs.
Distances	
Effective Distance Between Columns	1800 mm
Distance from Table top to Spindle Face	200 – 1200 mm approx
Distance from Floor to tabletop	870 mm approx
Spindle	
Inline Spindle Drive	22 Kw
Variable Spindle Speed	6000 rpm
Spindle nose taper	BT-50
Feed Drives	
AC Servo drives	
Hardened & ground Ball Lead Screws in all three axes	
Linear Motion Roller guide ways in X, Y and Z axes.	
Feed rate 1-10000 mm/min	
Rapid feed rate (X,Y & Z) 18/20/15 m/min.	
Positioning measuring system using absolute encoder	
Hydraulic counter balancing for Z-axis	

Accuracy: As per ISO 230-2
1. Positioning 10 microns
2. Repeatability 8 microns
Automatic Tool changer
No. of tools 20
Type of tool selection Random
Tool change time (tool to tool) 10 Secs
Max. tool dia 130 mm with adjacent pocket empty 220 mm
Max. tool length 350 mm
Max. tool weight 15 Kg.
Pull Stud Type MAS P50T-I
Control System Features
Siemens 828D / Fanuc OiMF
10.4"colour TFT Display or Higher
DNC operations by Ethernet / CF / Pen drive
Run hour and part count display
Help function, Graphic display
Ethernet & Front USB interface
Canned cycles for drilling and milling
Background editing
Custom macro / parametric programming
Manual pulse generator
Automatic data backup in CF Card

High Speed Rigid Tappping	
Work Probe - Like Renishaw RMP 600 or equivalent	
Non contact tool measuring system - Like Renishaw NC4 or equivalent	
Machine Features	
• Automatic lubrication system	
• A. C. Unit for Electrical Cabinet	
• Mobile MPG	
• Hydraulic power pack for clamping and declamping of tool	
• Spindle air blast for spindle taper cleaning	
• Machine lamp	
Machine Accessories	
• Coolnt system with tank and chip tray	
• Air gun	
• Instruction manuals	
• Standard Electrical	
• Tool Kit	
Pull stud 24 nos	
Voltage Stabilizer	

CNC Milling Machine, Qty. 01 No.	
Specification	
Traverse	
• X axis stroke	700mm
• Y axis stroke	500mm
• Z axis stroke	500mm
Table	
• Table Working Area	900mm X 500mm
•`T' Slots of Size	5nos X18mmX 100mm
• Maximum Load on Table	700 Kgs.
Distance	
Distance from spindle center to column front distance	540mm approx
Spindle	
• A.C. Spindle Drive	5.5 / 7.5kw
• Variable Spindle Speed	8000 rpm
• Spindle nose taper	BT-40
Feed Drives	
Hardened & ground Ball Lead Screws in all three axes	
Linear Motion Roller guide ways in X, Y and Z axes.	
Feed rate 1-10000 mm/min	
Rapid feed rate (X,Y & Z) 40/40/40 m/min.	
Absolute encoder	
Accuracy - As per ISO 230-2 Standard.	
Positioning	10 micron
Repeatability	7 micron
Automatic Tool Changer	
• No. of Tools	24 Nos.
• Max. Tool dia	75 mm
• With Adjacent pocket empty	140 mm
• Max. Tool Length	250 mm
• Max. Tool Weight	8 Kgs.
CNC FEATURES :	
Controller: Standard Siemens 828D/ FANUC OiMF / Mitsubishi M80 or latest version	
Standard canned cycles	
Dynamic Graphic Display	
Ethernet function	
Memory expansion upto 2MB or higher	
Mobile MPG	
Machine Features	
A.C. Unit for electrical cabinet	

Work Probe - Renishaw RMP60 or Eqiv.
Edge finder - BT40
Machine Lamps
1GB OEM make PCMCIA Memory Card
• Automatic lubrication system
Spindle air blast for spindle taper cleaning
MACHINE ACCESSORIES :
• Coolnt system with tank and chip tray
• Air gun
• Instruction manuals
• Tool Kit
Pull stud10 nos
Voltage Stabilizer

Micro Height Gauge- 600 mm, Qty. 01 No.	
Sl.No.	Specification
1	Measuring range (Stroke) 0 - 600 mm
2	Resolution 0.0001/ 0.001 mm (selectable)
3	**Indication accuracy (1.1 + 0.6L/600)μm, L = Measured length (mm)**
4	Repeatability Plane: 0.4μm (2σ), Hole: 0.9μm (2σ)
5	Perpendicularity(forward and backward) 5μm (after compensation)
6	Straightness(forward and backward) 2 4μm (mechanical accuracy)
7	Guiding method Roller bearing
8	Driving method Motor-driven (5,10,15,20,25,30,40mm/s: 7 steps)/Manual
9	Scale unit Reflective-type linear encoder
10	Measuring force 1N (automatic constant-force function)
11	Balancing method Counter weight balance
12	Main unit moving mode Full-floating(moving) / Semi-floating(measuring) air bearing
13	Air source Built-in compressor
14	Monitor 5.7 inch COLOR TFT LCD
15	Max. number of programs 50
16	Max. number of measured data 60,000
17	(Max. number of data is 30,000 / one program)
18	Power supply AC adapter / Battery (Ni-MH)
19	Battery endurance : Standby*3 Approx. 10 hours
20	Battery charging time Approx. 3 hours (usable during charge)
21	Operating temperature range 5 – 40℃ / 20 – 80% RH (without condensation)
22	ø2mm ball offset probe
23	ø4mm ball offset probe
24	Depth probe
25	Calibration Certificate with Accreditation body symbol from an Accredited laboratory is to be provided

	Vertical Profile Projector, **Qty. 01 No.**
	Specification
1	Projected image: Inverted
2	Protractor screen
	• Effective diameter: 315mm
	• Screen material: Fine-ground glass
	• Screen rotation: ±360° with counter display
	• Angle reading: Digital counter (LED), Resolution: 1' or 0.001°(switchable)
	Range: ±360°, ABS/INC mode switching, Zero Set
	• Cross hairs: 90° Solid lines
3	Projection lens: 10X (Standard accessory) Optional: 20X, 50X, 100X
4	Half-reflecting mirror for surface illumination
5	Lens mount: Bayonet mount
6	Magnification accuracy
	• Contour illumination: ±0.1% or less
	• Surface illumination: ±0.15% or less
	* Working distance: 66mm or more
	* Workpiece height: 91mm or more
7	Contour illumination
	• Light source: Halogen bulb (24V, 150W)
	• Optical system: Telecentric
	• Functions: 2-step (High/Low) brightness switch,
	Heat-absorbing filter, Cooling fan
8	Surface illumination
	• Light source: Halogen bulb (24V, 150W)
	* Slide mechanism to replace halogen bulb
	• Optical system: Vertical illumination with adjustable condenser lens
	• Functions: Heat-absorbing filter, Cooling fan
9	Resolution for X/Y counter: 0.001mm or finer
10	XY measuring range 200mm x 100mm
11	Table top surface 300mm x 240 mm
12	Linear accuracy 3+ L/300, where L is measure length in mm
13	Angular accuracy : 2 arc minute
14	**Stage Swivel range: ±3°**
15	Power supply: Single Phase 230V AC, 50Hz
16	Maximum Wokpiece Weight: 8Kg
17	Artefacts like Glass scale,Graticule with calibration certificate to be provided
18	Calibration Certificate with Accreditation body symbol from an Accredited laboratory is to be provided after installation

19	2D Data Processor should have facility to create co-ordinate system without physical alignment of the Job with following facility.
20	■ Operation panel
	Measurement result
	Tolerance limit setting
	■ Operation screen (tolerance zone measurement)
	Tolerance zone measurement result can be checked
	by color display at a glance.
21	■ FEATURES
	• High contrast color graphic displays on the large LCD screen with LCD back light.
	• One-key operation for combined measurements that are often used (circle-circle distance, etc.)
	• Equipped with the measurement procedure teaching function and measuring position navigation in Repeat mode.
	• Easy measurement using combination of visual cross-hair alignment.
	• The AI measurement function (automatic identification of measuring item) eliminates switching between
	the measurement command keys.
	• The user menu function allows user to store measurement commands or part programs to create his/her own menu.
	• Tolerance zone judgment of data processing result and statistical processing for each item are possible.
	• Measurement result output to “MS-Excel®” in spreadsheet (CSV) format
	• The measurement procedure and measurement result can be saved, using USB memory.
	• Data processor should be flexible arm type that can be mounted on a Profile Projector.

Roundness Measuring Machine, Qty. 01 No.	
Specifications	
Application	Measurement of Form Parameters i.e. Circularity, Cylindricity, Straightness, Squareness, Concentricity, Eccentricity, Coaxially, Flatness etc
Configuration	**Floor Based System**
Column Axis	
Column Length	500 mm and above
Straightness over any 100mm	≤ 0.5 μm
Straightness over Column Length	≤ 1.0 μm
Vertical axis to spindle axis parallelism	≤ 1.5 μm
Horizontal Arm Axis	
Movement range	200 mm or above
Straightness over Total measuring path	≤ 1.0 μm
Squareness to spindle axis parallelism	≤ 1.5 μm
Spindle Axis	
Spindle Construction	Air Bearing
Roundness Error as per DIN / EN ISO 1101	0.03 μm + 0.0006 μm/mm measuring height or finer
Axial Run out Error as per DIN / EN ISO 1101	0.03 μm +0.0006 μm/mm measuring radius or finer
Gauge	
Gauge Type	Inductive
Range	± 1 mm or above
Best Resolution	0.005 μm or finer
Tip of Stylus	Ruby Ball
Control	Automatic
Centering & Leveling Table	
Center and leveling Table control	Automatic
Centering Range	± 3 mm
Leveling Range	± 0.5° or more
Worktable Diameter	300 mm & above
Measuring Capacity	
Maximum component diameter	Ø 400 mm or above
Maximum component height	500 mm or more

Maximum Measuring Diameter	Ø 350 mm or more
Maximum Component Weight	60 kg or more
Analysis Capability	
Standard Software	Roundness, Concentricity, Cylindricity, Eccentricity, Flatness, Squareness, Coaxiality, Run-Out, Total Run-Out, Parallelism, Straightness, Partial Surface Flatness, Partial Arc Roundness, Spiral Scanning Facility
Accessories	a) Basic Stylus Kit consisting of 1mm, 2mm, 4mm Ruby tip stylus; b) 3-Jaw chuck (Internal jaws: OD = ø2 - ø35 mm,I D = ø25 - ø68 mm, External jaws: OD = ø35 - ø78 mm) c) Air Dryer d) UPS
Calibration Artifact with Traceability Certificate from an accredited laboratory	Glass Hemisphere Flick / Magnification Standard Master Cylinder
Calibration Certificate for Machine	Calibration Certificate with Accreditation body symbol from an Accredited laboratory is to be provided after installation
Computer & Printer	Computer Hardware, software along with MS Window OS & Laser jet Printer should be latest one available and should meet all functional requirements.
Computer Furniture	Suitable Table and Chair to be supplied
Environmental Control Requirement	Specify environmental requirements like, Temperature, Humidity etc
Power Supply	230 V / 50 Hz
Manuals	Operation & Maintenance Manuals in English
Installation & Commissioning	Installation & Commissioning should be done free of cost by the trained engineers
Service Support	Service support with spare parts availability for a period of ten years is essential

Training	Training on Operation, Programming, application and maintenance of the machine to be provided

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 10,00,000.00 to be paid through any one of the means as mentioned below.

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Further remaining Rs 9,50,000 /- in the form of a Bank Guarantee form any scheduled bank.

Or

B. EMD full amount may also be paid by any one of the mean as mentioned above.

- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- **Last date of submission**: **14.12.2020 up to 17.00 Hrs.**
- **Pre-bid Meeting on : 23.11.2020 at 11.00AM - held on at GT&TC – Rajajinagar Industrial Estate, Bangalore -10**
- **Opening of Technical Bids: 16.12.2020 at 15.00Hrs. (Electronically).**

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: BID REF.: GTTC/MCD/TENDER/MACH – EQUIPT/BD-223/2020-21, Dated:07.11.2020**,**

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 14.12.2020** Time: Up to **17.00 Hrs**
The technical bid opening shall take place electronically on: **Date:16.12.2020** **Time: 15.00 Hrs.**

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

- (i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
- (ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and
- (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.
- (iv) For Goods manufactured outside the Purchaser's Country, to be imported:
- (i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.
- (ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

- (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
- (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
- (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
- (iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
- (v) The price for inland transportation, insurance, and

other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)

(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).

13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.

14 Currencies of Bid

14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country

14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.

15 Documents Establishing the Eligibility of the Bidder

15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

16 Documents Establishing the Eligibility of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services

17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements.

17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.

17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening 27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality 28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids 29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids 30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and 31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

Bidder.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria

40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

41 Purchaser's Right to Vary Quantities at Time of Award

41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

43Notification of Award

43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

44 Signing of Contract

44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.

45Performance Security

45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser.

45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

5.4 Throughout these Bidding Documents:

(d) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, "singular" means "plural" and vice versa; and

(f) "Day" means calendar day.

(g) The terms "Bid" & "Tender" means same

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

GOVERNMENT TOOL ROOM & TRAINING CENTER. BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-223/2020-21

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	

	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

BID REF.: GTTC/MCD/TENDER/LAB EQPTS/TRG KITS- ADV COURSES/BD-224/2020-21, Dated:06.11.2020,

Procurement OF Lab Equipments/Training Kits for :Robotics Lab, Advance Hydraulics & Pneumatics Lab, PLC Lab, Sensor Lab, Industrial IoT and Internet of Things Applications Lab

BIDDING DOCUMENT

NOVEMBER- 2020

LAST DATE FOR SUBMISSION: 09.12.2020,17.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.: GTTC/MCD/TENDER/LAB EQPTS/TRG KITS- ADV COURSES/BD-224/2020-21, Dated:06.11.2020

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	ROCUREMENT OF Lab. Equipments/Training Kits for :Robotics Lab., Advance Hydraulics & Pneumatics Lab., PLC Lab., Sensor Lab., Industrial IoT and Internet of Things Applications Lab.	Lum sum	10,00,000.00

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from **07.11.2020** till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01.

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before **Dt.09.12.2020**, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on **Dt.11.12.2020** after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).

   a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % **(40% with respect to Micro and Small Enterprises)** of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design.

   b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided;

   (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

   (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.

2 All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license / registration issued by OEM.

a) The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced.

b) The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents. Hands on training for operation and maintenance of items to be provided by the supplier.

3. GST Registration Certificate & PAN Card copy

4. Income Tax Returns filed for the last three financial years

5. The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years **(50% with respect to Micro and Small Enterprises during previous 2 financial years).**

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

7. Bidder shall quote for all the items. Partial quote is not accepted.

8. The quoted price shall include (Taxes, transportation, unloading & Installation at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

9. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

12. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

13. Payments terms: (i) **Eighty** (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 10,00,000.00 to be paid through any one of the means as mentioned below.

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Further remaining Rs 9,50,000 /- in the form of a Bank Guarantee form any scheduled bank.

Or

B. EMD full amount may also be paid by any one of the mean as mentioned above.

- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- **Last date of submission**: **09.12.2020 up to 17.00 Hrs.**
- **Pre-bid Meeting on : 13.11.2020 at 11.00AM - held on at GT&TC – Rajajinagar Industrial Estate, Bangalore- 560 010**
- **Opening of Technical Bids: 11.12.2020 at 15.00Hrs. (Electronically).**

Instructions to Bidders

1. **Scope of Bid:** PROCUREMENT OF EQUIPMENTS FOR ADVANCED SHORT TERM COURSES

SL. No.	Description	Qty.
01	INDUSTRIAL ROBOTIC CELL WITH VISION SENSOR,	4 SETS
02	ADVANCE INDUSTRIAL PNEUMATICS (ELECTRO PNEUMATIC - COMPUTER CONTROLLED) WITH PLC,	8 SETS
03	ADVANCE INDUSTRIAL HYDRAULICS (ELECTRO HYDRALICS – COMPUTER CONTROLLED) WITH PLC,	8 SETS
04	**ADVANCE PLC TRAINING WITH INDUSTRIAL AUTOMATION COMPONENTS AND PERPETUAL LICENSED OPERATING SOFTWARE**	12 SETS
05	SENSOR TRAINING KIT- DIGITAL	4 SETS
06	SENSOR TRAINING KIT- ANALOG	4 SETS
07	INDUSTRY 4.0 / IIOT TRAINING SYSTEM	2 SETS
08	INTERNET OF THINGS	4 SETS

2. **Sources of Funds** *Funds allocated to Govt.Tool Room & Training Centre..*

For other instructions refer to General Terms & Conditions for Bids

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: BID REF.: GTTC/MCD/TENDER/LAB EQPTS/TRG KITS- ADV COURSES/BD-224/2020-21, Dated:06.11.2020,

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bids is Date**: 09.12.2020** Time: Up to **17.00 Hrs**
The technical bid opening shall take place electronically on: **Date:11.12.2020** **Time: 15.00 Hrs.**

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

Specifications

<table>
<tr><th colspan="3">1.Industrial Robotic Cell with vision sensor</th><th>Quantity Required: 4Nos</th></tr>
<tr><th>Sl.No.</th><th colspan="2">Performance Features:</th><th>Tender Specification</th></tr>
<tr><td>1</td><td colspan="2">Type</td><td>Articulated Type</td></tr>
<tr><td>2</td><td colspan="2">Controlled axis</td><td>6-axes(J1,J2,J3,J4,J5,J6)</td></tr>
<tr><td>3</td><td colspan="2">Reach</td><td>550mm</td></tr>
<tr><td>4</td><td colspan="2">Installation</td><td>Floor, Upside-down, (Angle mount)</td></tr>
<tr><td rowspan="6">5</td><td rowspan="6">Motion range (Maximum Speed)</td><td>J1 Axis Rotation</td><td>340º</td></tr>
<tr><td>J2 Axis Rotation</td><td>230º</td></tr>
<tr><td>J3 Axis Rotation</td><td>402°</td></tr>
<tr><td>J4 Axis Rotation</td><td>380°</td></tr>
<tr><td>J5 Axis Rotation</td><td>240°</td></tr>
<tr><td>J6 Axis Rotation</td><td>720°</td></tr>
<tr><td>6</td><td colspan="2">Max. load capacity Wrist</td><td>4Kg</td></tr>
<tr><td rowspan="6">7</td><td rowspan="3">Allowable Load moment at wrist</td><td>J4 Axis</td><td>8.86 Nm</td></tr>
<tr><td>J5 Axis</td><td>8.86 Nm</td></tr>
<tr><td>J6 Axis</td><td>4.9 Nm</td></tr>
<tr><td rowspan="3">Allowable Load inertia at wrist</td><td>J4 Axis</td><td>0.2 Kg m2</td></tr>
<tr><td>J5 Axis</td><td>0.2 Kg m2</td></tr>
<tr><td>J6 Axis</td><td>0.067 Kg m2</td></tr>
<tr><td>9</td><td colspan="2">Repeatability</td><td>+/- 0.05mm</td></tr>
<tr><td>10</td><td colspan="2">Mass</td><td>21 Kg Minimum</td></tr>
<tr><td rowspan="3">12</td><td colspan="2" rowspan="3">Installation environment</td><td>Ambient temperature: 0 - 45°C</td></tr>
<tr><td>Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed.</td></tr>
<tr><td>Vibration Acceleration: 4.9 m/s2 (0.5G or less)</td></tr>
</table>

Robotic Cell (Structure):

- Strong anodised aluminium frame available in silver and black
- Wheels for easy transport and feet for stability
- 10m power cable with standard 230V plug
- Easy access door with safety switch

- Pneumatic Gripper mounted on the robot
- Nylon Solitaire board and parts
- Slotted Aluminium work surface for easy customization
- Entire structure is built in anodized aluminum extrusions and covered with transparent acrylic for better visibility from all angles
- Robot controller and any other accessories required for robotic cell operation such as compressor should be mounted on the same mobile structure.
- Mounting arrangement for robotic cell which will lift the castor wheels and stabilize the cell should be provided.

Machine Tending Application:

Pneumatic Vice: Pneumatic Vice should be provided which should be capable of holding a 70mm x 70mm flat workpiece.The workpiece should be clamped in two directions to make sure that the locking position is achieved every single time.

Pneumatic Chuck: Pneumatic chuck with three jaws should be provided which should be capable of clamping a raw job of up to 3 KG.

Compressor: Compressor of minimum 50L tank capacity should be provided for operation of pneumatic actuators

End Effector:

End Effector should be designed in such as way that it can pick up a round job of 25mm diameter as well as a square plate of 70mm x 70mm with 10mm thickness.

Vision Inspection System:

2D vision sensor mounted able of performing following experiments / exercises:

Accept / Reject of assembly

Shape based sorting

Size based sorting

Vision sensor should be of the same make as of robotic arm

CPU with dual monitor screen should be provided for the vision sensor dynamic display.

Essential requirement :

The machine must be built to the current standards of technology and workmanship norms of the industry. Robust design to give longer service life and provide productive use in cutting most engineering materials.

Software:

Robotic Simulation Software:

Simulation software should be provided along with the robots which should be exactly the same as of the robot operating software. Programs generated on this simulation software should be able to be transferred to the robots without any modification through USB drive

No of licenses: 1

Type of licenses: Perpetual

Software should be of the same make as of the robotic arm

Factory Simulation Software:

The software should be capable of demonstrating the exact robotic cell in 3D.

The software should act as a digital twin for the robotic cell with a feedback through OPC UA platform

Entire process of a robotic cell should be simulated on this factory simulation software.

Entire range of robots from all leading robot manufacturers such as Fanuc, KUKA, Yaskawa should be available in the library,

The program generated in this software should be executed on the actual robotic cell

No of Licenses: 30 / cell

License Type: Server based, Perpetual

2.Advance Industrial Pneumatics (Electro Pneumatic – Computer Controlled) with PLC	
Description	**Qty:8 Sets**
Structure	
Advance Pneumatic Trainer Base with Aluminum extrusion based work surface (Double Sided) of 1200mm x 900mm. MDF based wooden base of 1200mm x 800mm. MS based structure with castor wheels and load bearing capacity of Approx 300 KG	**1**
Basic Pneumatic Module 1	
FRL Unit with Pressure Gauge, ¼ inch straight quick push pull connector, 8mm Tube Connection, Regulator 0 – 10 Bar	1
Junction Box with 8 ports, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection	2
Isolation box with 8 ports, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection	1
Three Way Two Position Hand Slide Valve, ¼ inch straight quick push pull connector, 8mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar	1
Two way Flow control valve, Dia 6mm with quick push pull connector, Operating Pressure Range: 0.7 Bar to 10 Bar	4
Single acting cylinder (Stroke: 50 mm, with One Way Flow Control Valve), Operating Pressure Range: 0.7 Bar to 10 Bar	1
Double acting cylinder (Stroke: 200mm, with One Way Flow Control Valve at both ports), Operating Pressure Range: 0.7 Bar to 10 Bar	2
PU Tube Dia 6mm - Blue Color	10 Meter
PU Tube Dia 6mm - Red Color	10 Meter
PU Tube Dia 6mm - Black Color	10 Meter
Blanking Plug Dia 6	12
Union Tee Dia 6mm with quick push pull connector	5
Union Y Dia 6mm with quick push pull connector	5
Tube Cutter	1
Basic Pneumatic Module 2	
Two Pressure Valve, Dia 6mm with quick push pull connector, Operating Pressure Range: 0.7 Bar to 10 Bar	2
Shuttle Valve, Dia 6mm with quick push pull connector, Operating Pressure Range: 0.7 Bar to 10 Bar	2
Quick Exhaust Valve, Dia 6mm with quick push pull connector, Operating Pressure Range: 0.7 Bar to 10 Bar	1
Three Way Two Position Way Push Button (Three Port) Valve, 1/8 inch elbow	2

quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	
Three Way Two Position Knob Operated Direction Control Valve (NC Type), 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Three Way Two Position Roller Operated Direction Control Valve (NC Type), 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	2
Five Way Two Position Mushroom Head Switch Operated Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Lever Operated Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Lever Operated Direction Control Valve (Spring Return), 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Three Position Lever Operated Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Basic Pneumatic Module 3	
Three Way Two Position Pilot Operated Direction Control Valve (NC Type), 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Single Pilot Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Double Pilot Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	4
Five Way Three Position Double Pilot Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Three Way Two Position idle return Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Basic Pneumatic Module 4	

Pneumatic Motor, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar	1
Pressure Regulator, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 7 Bar	1
Vacuum generator, In line vacuum generator with 6mm tube connection and exhaust port, Operating Pressure Range: 0.7 Bar to 10 Bar	1
Vacuum Cup, 20mm diameter vacuum cup with flexible bellow	1
Vacuum Generator based pick and drop assembly module	1
Three Way Two Position Time Delay Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Advance Pneumatics (Electropneumatic) Module 1	
Three Way Two Position Solenoid Operated Direction Control Valve (NC Type), 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Single Solenoid Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Five Way Two Position Double Solenoid Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	3
Five Way Three Position Double Solenoid Direction Control Valve, 1/8 inch elbow quick push pull connectors, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Magnetic Reed Switch with bracket for Cylinders, Three wire magnetic reed switches. Should be of the same make as of Cylinder	6
Digital Pressure Switch with Analog Output, 6mm Tube Connection, Operating Pressure Range: 0.7 Bar to 10 Bar Plate mounted with symbol and name laser engraved on the plate	1
Advance Pneumatics (Electropneumatic) PLC Based operation module	
PLC with 24 digital inputs and 16 digital outputs	1
Power supply and control panel for PLC	1
Control panel box with mounting for Advance Electropneumatic Training Kit (1200 x 400 x 300mm)	1
PLC Input module with input override switches (24 inputs)	1
Field input module (24 inputs)	1
PLC output module (24 outputs)	1
Field output module (24 outputs)	1

Remote operation unit with 2 selector switches, 2 push buttons and 2 mushroom head switches	1
2mm Patch cord connector set	1 set
Workstation with Simulation software and licensed PLC software	
Intel Mother board Computer with 21 inch or above LED Monitor.	1
Pneumatic circuit design and simulation software with perpetual license	1
Software should be able to simulate / design a complete pneumatic circuit	10 Seat
All components used in the trainer kit should be available in the software library	
Students should be able to design a Pneumatic circuit that they are executing on the Pneumatic trainer kit	
Software should completely simulate the circuit and mention the flaws in the designed circuit	
An executable file should be generated of the simulated Hydraulic circuit which can be opened on any computer (Even on computers without the license of this software)	
All circuits performed on the training kit should be dynamically demonstrated on the software. Students should be able to simulate the circuits on the software before executing them on the hardware kit.	
Software License Type: (perpetual)	
Necessary interface for direct operation of training kit from simulation software (Dynamic real time simulation and operation). Software should be able to upload the PLC ladder directly without any other software.	
Compressor	
1HP, 50 Ltr capacity Twin cylinder Silent Compressor (Single Phase Supply)	1
Automation Module - Color based sorting with conveyor	
Rotary Motor with Sorting Arm (16mm Bore)	1
Rejection Bin	1
Guided Cylinder	1
Vacuum Generator with Vacuum Cup	1
Rotary Motor (20mm Bore)	1
Color Sensor	1
Guided Cylinder for job loading (60mm) - Auto Loader	1
Photo Sensor for job loading	1
Photo Sensor for job unloading	1
Conveyor 70 x 500mm	1
AC Motor for Conveyor Drive with Gearbox	1

Sorting Bin (Vertical)	1
Manuals for Advance(Electro) Pneumatics	
Operation Manual (Basic Pneumatics)	1
Experimentation Manual (Basic Pneumatics)	1
Pneumatics Text Book (Basic Pneumatics)	1

Note:
Minimum specifications for Pneumatic components:
Port Connection: 1/8 inch / ¼ inch
PU Tube size: 6mm / 8mm
Operating Pressure Range: 0.7 Bar to 10 Bar
Ambient Temperature (Operational) range: -10 to 60 (No freezing)
Manual Override option for every solenoid operated valve

3.Advance Industrial Hydraulics (Electro Hydraulics– Computer Controlled) with PLC **Quantity**	
Description	**Qty:8 sets**
Advance Hydraulic Trainer Base with Aluminum extrusion based work surface (Double Sided) of minimum dimensions:	**1**
Horizontal work area on front face : 1200mm x 450mm	
Horizontal work area on back face : 1200mm x 450mm	
Vertical work area on front face : 1200mm x 720mm	
Vertical work area on back face : 1200mm x 720mm	
MS based structure with castor wheels and load bearing capacity of 300 KG	
Drip Tray: 1200mm x 850mm	
Hydraulic Power Pack Module	
Hydraulic tank with 60 Litre capacity, Oil cleanliness: Level 8	1
Three Phase flange mounted electric motor 2 HP -1500 rpm	1
Gear Pump (Flow Rate: 8 LPM, Max Pressure: 70 Bar)	1
Pressure Gauge 0 to 100 Bar, Glycerin filled, 2 inch	2
Pressure Relief Valve (Subplate Mounted) with Locking Arrangement	1
Suction Line Filter	1
Return Line Filter	1
Pressure Line Manifold with 4 Ports (Hard piped with powerpack and mounted on the front work surface)	1
Pressure Line Manifold with 2 Ports (Hard piped with powerpack and mounted on the rear work surface)	1
Return Line Manifold with 4 Ports (Hard piped with powerpack and mounted on the front work surface)	1
Return Line Manifold with 2 Ports (Hard piped with powerpack and mounted on the rear work surface)	1
Test Line Manifold with 2 Ports (Hard piped with powerpack and mounted on the front work surface)	1
Pressure Gauge 0 to 100 Bar, Glycerin filled, 4 inch	1
Tray for Hydraulic Powerpack	1
Basic Hydraulic Module 1	
Pressure Relief Valve (Direct operated relief valve), Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P and T ports	2
Flow Control Valve (Non Pressure Compensated) with Check Valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	2

Flow Control Valve (Pressure Compensated) with Check Valve Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Four way Three position manually operated direction control valve - Tandem Center Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	2
Four way Three position manually operated direction control valve - Closed Center Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Three way Two position manually operated direction control valve - Closed Center Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Vertical Weight loading arrangement for hydraulic cylinder	1 set
Set of weights for loading arrangement	1 set
Single Acting Cylinder (Stroke: 100mm, Dia: 25mm, Test Pressure: 70 Bar)	1
Double Acting Cylinder (Stroke: 200 mm minimum Test Pressure 130 Bar)	2
Proximity Sensor Assmbly for Hydraulic Cylinder	6
Cut Section models for Hydraulic components	1
1. Double Acting Hydraulic Cylinder	
2. Pressure Relief Valve	
Direction Control Valve	
Basic Hydraulic Module 2	
Hydraulic Motor Bidirectional Plate mounted motor. Laser engraving indicating P and T ports	1
Needle Valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	2
Pressure Sequence Valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Pressure Reducing Valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Four way Two position manually operated direction control valve , Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Check Valve Direct Operated	1
Single Pilot Operated Check Valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Manuals for Basic Hydraulics	

Operation Manual (Basic Hydraulics)	1
Experimentation Manual (Basic Hydraulics)	1
Hydraulics Text Book (Basic Hydraulics)	1
Advance Hydraulics (Electrohydraulic) Module 1	
Pressure Switch	1
Four Way Three Position Double solenoid operated direction control valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	3
Four Way Two Position Single solenoid operated direction control valve, Maximum operating pressure: 200 Bar Plate mounted valve Laser engraving indicating P, A, B and T ports	1
Advance Hydraulics (Electrohydraulic) PLC Based operation module	
PLC with 24 digital inputs and 16 digital outputs. Perpetual License to operate the PLC.	1
Power supply and control panel for PLC	1
Control panel box with mounting for Advance Electrohydraulic Training Kit (1200 x 400 x 300mm)	1
PLC Input module with input override switches (24 inputs)	1
Field input module (24 inputs)	1
PLC output module (24 outputs)	1
Field output module (24 outputs)	1
Remote operation unit with 2 selector switches, 2 push buttons and 2 mushroom head switches	1
2mm Patch cord connector set	1 set
Workstation with Simulation software and licensed PLC software	
Intel Mother board Computer with 21 inch or above LED Monitor	1
Pneumatic circuit design and simulation software with perpetual license	10 Seats/Users/Licenses
Software should be able to simulate / design a complete pneumatic circuit	
All components used in the trainer kit should be available in the software library	
Students should be able to design a Pneumatic circuit that they are executing on the Pneumatic trainer kit	
Software should completely simulate the circuit and mention the flaws in the designed circuit	
An executable file should be generated of the simulated Hydraulic circuit which can be opened on any computer (Even on computers without the license of this software)	

All circuits performed on the training kit should be dynamically demonstrated on the software. Students should be able to simulate the circuits on the software before executing them on the hardware kit.	
Software License Type: (perpetual)	
Necessary interface for direct operation of training kit from simulation software (Dynamic realtime simulation and operation). Software should be able to upload the PLC ladder directly without any other software.	

Note:
Minimum specifications for Hydraulic components:
Port Connection: 3/8 inch
Hydraulic Hose Size: 3/8 inch
Valve Enclosure Protection: IP 65
Operating Pressure Range: Maximum 160 Bar

4.Advance PLC Training with industrial automation components and Perpetual licensed operating software,

Objective: To impart training to the students in Skill Development Center and the maintenance engineers in AR Group plants on PLC basic to advanced levels. The trainees are also to be given with knowledge on basic PLC I/O components, communication with PLC and other digital devices in pleasant ambience with plug & play kind of equipment. The training workstation shall be suitable to cover below topics with detailed learning on each of the topics.

The Training work station shall be designed for floor mounted type, on a MS Sheet 0f 3mm thickness fitted wide and strong in Aluminum profiles. The cutting edges of all the MS and Aluminum parts used shall be free from any burr/sharp edges. The work stations shall be designed in a swappable modular connectivity, for connecting with different types of I/O modules. Top plane of the training work station named PLC Module, consists of a Power supplies, PLC and HMI. All the Input and Output interfacing connections between PLC and I/O devices shall be designed with plug in type connectivity. Interface connections are to be wired to encapsulated female plug in type connectors for easy and quick connectivity. These interfacing modules (explained in 2.7) are to be mounted below the PLC module. Interface modules are to be made of 3mm SS sheet, with details of I/O's are engraved at respective set of connectors. This has to be fixed in training work station with SS studs.

The I/O connections to the PLC is made through a plug in type connections, which is called interfacing modules. These are to be divided majorly into four input / output interface modules in each PLC – HMI Training work station. PLC input interfacing module. This module is connected with PLC inputs. This module consists of 24 inputs, each of which is provided with override button. With this push button, user can manually override desired PLC input. Field input Interfacing Module: This section is to connect with field automation components with a plug-in connector. This module shall have provision to connect at least 24 field input devices. A plug in type 3pins connectors for Source, Signal has to be provided for trainee connections.

PLC output interfacing module: This module also shall contain I/O sockets. 8 – 10 connections are to be dedicated with high speed outputs as well as analog outputs and 14-16 connections are to be provided with surface mounted relays. Field output interfacing module: This module is to be provided with 24 connections connected to field output devices through plug-in connectors. Provision like for Laptop, mouse & key board for program PLC shall be provided.

Few of the kits(modules) are fixed on the kits which are low in value and which are considered as necessary for the operation of PLC - HMI Training kits. List of independent modules (movable) and fixed modules is mentioned below:
Fixed kits:
Sensor Module (Digital)
Sensor Module (Analogue)
Switchgear Module
Pneumatic Pressure Switch Application (Analogue Control)
Operation with Solenoid valves and Cylinders
Independent Modules (Movable):
Servo Motor Module
AC Motor and Encoder

Temperature control module (Analogue Control)
Conveyor control module
AC Motor Speed Control through VFD and PLC using HMI
Flow Sensor Module (Analogue Control)

Description	**Qty:12 sets**
PLC Workstation with floor mounted kit and MDF top.	**1**
MDF Table Dimensions: 1200mm x 800mm x 25mm(Thickness)	
Four Castor wheels with brake and an arrangement for LCD monitor mounting. Pedestal with 4 drawers in MDF with minimum total dimension of (wd-400mm x D-450mm x Ht-550mm)	
Vertical work surface: 1200mm x 800mm x 2mm (Mild Steel / Stainless Steel)	
Workstation Module	
Computer station with minimum specifications of: Intel i3 5th Generation Processor, Monitor of 19" or above, 500GBor above Hard Disk, 8 GB or above RAM, Windows 10	1
CPU Holding stand	1
Monitor Stand	1
MDF Panel for Keyboard and Mouse Operation	1
Profinet cable for PC to Ethernet Switch communication	1
Advance PLC Module	
Siemens S7 1500 / Mitsubishi IQ-R Series / Allen Bradley Compact Logix	1
Perpetual Operating software for PLC and HMI (1 of the 3. The software should be supplied in accordance with the PLC and HMI. The software should be able to operate the PLC). Software supplied should be of the same make as of PLC.	
One of the following three HMIs to be supplied Siemens KTP900 Basic – HMI / AllenBradley PanelView 800, 10.4 inch HMI Terminal, Serial and Ethernet ports / Mitsubishi GOT WIDE series 7 inch Touch HMI	1
Perpetual software to operate the supplied HMI. Software should be of the same make as of HMI.	
5 port industrial Ethernet switch (Unmanaged) with 24V input supply. Switch should be of the same make as of PLC and HMI.	1
SMPS, 24VDC/10A	1
Power supply and control panel for PLC	1
PLC Input module with input override switches (24 inputs)	1
Field input module (24 inputs)	1

PLC output module (24 outputs)	1
Field output module (24 outputs)	1
2mm Patch cord connector set	1 set
Profinet cable for PLC to switch communication	1
Profinet cable for HMI to switch communication	1
Sensor Module (Digital)	
Capacitive Sensor (PNP, NO Type)	1
Photo Sensor (PNP, NO Type)	1
Proximity Sensor (PNP, NO Type)	1
Proximity Sensor (PNP, NC Type)	1
Switchgear Module	
Push Button (NO Type)	2
Push Button (NC Type)	2
Selector Switch (NO Type)	1
Selector Switch (NC Type)	1
Emergency Switch (Mushroom Head)	1
Mushroom Head Push Button (For Both Hand Operation)	1
Indicators (Red and Green)	2
Buzzers	2
Automation Module: Pneumatic Operation with Solenoid valves and Cylinders	
Double Acting Solenoid Valve	3
Single Acting Solenoid Valve	1
Double Acting Pneumatic Cylinder (Stroke: 30mm)	3
Pneumatic Motor	1
Hand slide valve for Pneumatic connection	1
Pneumatic Junction box (5 Port)	1
Pneumatic Pushpull connectors for pneumatic components	1 set
Automation Module: Servo Motor Module	
Siemens/Equivalent Servo Motor (400 W) with 230V Single Phase Power Supply	1
Siemens/Equivalent Servo Drive (400 W)	1
Necessary Power and Encoder Cables	1 Set

Automation Module: AC Motor and Encoder	
6W AC Motor (230V Supply)	1
1:50 Gear Box for AC Motor	1
Encoder (350 PPR)	1
Necessary cable for AC Motor	1 Set
Necessary Cable for Encoder	1 Set
Automation Module: Pneumatic Pressure Switch Application (Analog Control)	
Pneumatic Pressure Switch with digital display and analog output	1
5/3 Way hand lever operated pneumatic valve	1
5/2 way double acting solenoid valve	1
Double acting cylinder with reed switches	1
Automation Module: AC Motor Speed Control through VFD and PLC using HMI	
G120C with Profinet (0.55 KW)	1
AC Induction Motor (0.5 KW)	1
Automation Module: Temperature Control Module (Analog Control)	
Heater Module	1
Blower / Fan	1
Temperature indicator (Digital)	1
Buzzer	1
Thermocouple / RTD	1
12V SMPS (5A)	1
Relay Module (2 Channel)	1
Automation Module: Conveyor Control Module	
Conveyor 70 x 500mm (AC Motor driven with gear box)	1
Rotary Rejection Module Mount	1
Rotary Vane Motor	1
Rejection Slide	1
Sensor Mounting Bracket (Conveyor) M18 x 3	1
M18 Capacitive Sensor	1
M18 Inductive Sensor	1
M18 Photoelectric Sensor	1

Static Automation Modules	
Traffic Control Module	1
Elevator Module	1
Water Level Control Module	1
Staircase Lighting Module	1
Conveyor Module	1
AC Motor - Star Delta Connection Module	1

5.Sensor Training Kit – Digital : Qty :4 sets

Objective: To impart training to the students on latest digital sensors with industrial applications

1. Training Content:

1.1 Basics of digital sensors

1.1.1 Basics of digital input and output
1.1.2 Basics of digital sensors
1.1.3 Industrial applications of digital sensors

1.2 Digital output calibration

1.2.1 Taking output of digital sensors
1.2.2 Understanding the variation in response time of various sensors

1.3 Automation with Digital Sensors:

1.3.1 Electrical connections of digital sensors.
1.3.2 Output connections from various types of digital sensors
1.3.3 Use of counter

2. Design & General Arrangement of Sensor Training Kit:

Sensor training kit should be designed in a way that a work surface is mounted on a panel which can be used as a cupboard to store various items of sensor training kit.

Work surface should have a minimum dimension of 750mm x 500mm.

Work surface should be made of aluminium extrusions (Anodised) on which various sensors can be easily mounted.

3.0 Workstation/Kit wise List of components

3.1 Inductive Proximity Sensor - M12
3.2 Inductive Proximity Sensor - M18
3.3 Fibre Optic Sensor with digital display and teach mode
3.4 Diffuse Sensor PNP type - M18
3.5 Through Beam Sensor PNP - M18
3.6 Reflex Sensor PNP - M18
3.7 Capacitive Proximity Sensor
3.8 Frequency Counter Unit (Digital)
3.9 Sensing Unit

Sensing unit is designed in such a way that it can easily slide in T slots of aluminium extrusions Metal Scale

3.10 Sensing Elements

Different types of sensing elements

3.11 Set of 2mm patch cords
3.12 Table with Castor Wheels and Brakes (600 x 350 x 750)
3.13 Aluminum Profile Plate 750mm x 540mm
3.14 Dial Vernier - Mitutoyo Make
3.15 Digital Multimeter
3.16 Metal Scale

6.Sensor Training Kit – Analog Qty:4 sets

Objective: To impart training to the students on latest analog sensors with industrial applications

1. Training Content:

1.1 Basics of analog sensors
1.1.1 Basics of analog input and output
1.1.2 Basics of analog sensors
1.1.3 Industrial applications of analog sensors
1.2 Analog output calibration
1.2.1 Taking output of analog sensors
1.2.2 calibrating output of analog sensors
1.2.3 display and interpretation of output of analog sensors

1.3 Automation with Analog Sensors:
1.3.1 Electrical connections of analogue sensors.
1.3.2 Output connections from various types of analogue sensors
1.3.3 Distance measurement with the use of ultrasonic sensor.
1.3.4 Analog Power supply voltage measurement and display.
1.3.5 Application based variations in various types of sensors
1.3.6 Use of counter

2. Design & General Arrangement of Sensor Training Kit:
Sensor training kit should be designed in a way that a work surface is mounted on a panel which can be used as a cupboard to store various items of sensor training kit.
Work surface should have a minimum dimension of 750mm x 500mm.
Work surface should be made of aluminium extrusions (Anodised) on which various sensors can be easily mounted.

3.0 Workstation/Kit wise List of components

3.1 Analog Distance Sensor
3.2 Analog Ultrasonic Sensor
3.3 Load / Strain Measuring Unit with Display
Load / Strain Amplifier
3.4 Analog Inductive Sensor M12
3.5 Analog Inductive Sensor M18
3.6 Ultrasonic Distance Measurement Sensor with Display
3.7 Analog Power Supply with Digital Display
2 different output connections with potentiometer to vary the supply and digital display to display the output voltage
3.8 Power Distribution Box (Input 24V)
Power distribution box with 24VDC, 10 Amp power supply
3.9 Sensing Unit
Sensing unit is designed in such a way that it can easily slide in T slots of aluminium extrusions
Metal Scale
3.10 Sensing Elements

Different types of sensing elements
3.11 Set of 2mm patch cords
3.12 Table with Castor Wheels and Brakes (600 x 350 x 750)
3.13 Aluminum Profile Plate 750mm x 540mm
3.14 Dial Vernier -
3.15 Digital Multimeter
3.16 Metal Scale

7.Industry 4.0 / IIOT Training System : 2 sets

Industry 4.0 / IIOT Training kit is designed to provide basic idea of following two components which are considered as the future of manufacturing industry.

1. Cyber-Physical Systems
2. Internet of Things

1.Cyber-Physical Systems [CPS]:

A cyber-physical system aims at the integration of computation and physical processes. This means that computers and networks are able to monitor the physical process of manufacturing at a certain process. The development of such a system consists of three phases:

- **Identification**: Unique identification is essential in almost every industry. This is the basic language by which a machine can communicate. Barcode reader as well as scanner with direct PLC and SCADA connectivity serves the purpose of assigning as well as reading Unique identification Number. Every assembled unit as well as each child part being used in the assembly should be identified by UIN.

- **The Integration of Sensors and Actuator**: Integration of various types of sensors is essential for the efficient operation of entire process. Advanced sensors such as vision enabled sensor is required to keep picture based track of entire process. The process can be efficiently monitored as well as controlled with the integration of various types of relevant sensors.

- **The Development of Sensors and Actuators**: Even with the integration of sensors and actuators, they are not equipped with the ability to communicate with each other. This ability is provided by the common platform such as SCADA which is very much essential to store and analyse the data. Relevant cloud based platform is also required to access this data anytime from anywhere.

2.Internet of Things [Iot]

The Internet of Things is what enables objects and machines such as mobile phones and sensors to “communicate” with each other as well as human beings to work out solutions. The integration of such technology allows objects to work and solve problems independently. Of course, this is not entirely true as human beings are also allowed to intervene. The Internet of Things, is something that truly has initiated Industry 4.

The kit should provide hands on experience on CPS as well as IOT enabling participants to understand the basics of industry 4.0 or IIOT (Industrial IOT).

IIOT / Industry 4.0 Parameters which are mentioned in the technical specifications should be available dynamically on a dedicated cloud based platform which can be monitored at any time from anywhere. Optional features of SMS as well as email for completion of process directly from the system should also be provided along with a training system.

Datapoints of the IIOT / Industry 4.0 Parameters should be stored in cloud based server that should be accessible with relevant logins

Technical Specifications:

IIOT Control Station	
Function	Control of complete system
	Cloud connectivity with data transfer facility
	Supervisory control as well as monitoring
	3D process simulation as well as design facility
Components	Hardware based operator panel with necessary switchgear to access functions such as 'CYCLE START', 'RESET', EMERGENCY STOP', 'ERROR DISPLAY', 'DIGITAL INPUT VOLTAGE DISPLAY', 'MODE SELECTION' etc
	Workstation with licensed operating software and dual monitor display (21 inch minimum each)
	RJ 45 ports (Minimum 2) for profinet connectivity
	Solenoid valve bank with PLC connectivity and optimum number of valves for complete process operation
	Air treatment unit with FRL, AIR Filter and 3/2 hand slide valve
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm with MDF based top for user operation
	Siemens S7 1500/Equivalent PLC with optimum Di / Do / Ai and Ao to operate entire process
	Remote i/o connectivity with each IIOT station
	Siemens KTP 900/Equivalent HMI for process operation
	Complete control panel for PLC and HMI operation with necessary stabiliser
	Barcode Printer
Software	Industrial SCADA Software with unlimited tags and perpetual license
	3D simulation and design software (Factory simulation) with 30 NOS perpetual licenses
	OPC UA connectivity between the hardware and 3D simulation software
	PLC operation software with perpetual validity
	HMI operation software with perpetual validity
	3D design and simulation software for 6 axes industrial robot (Software should be of the same make as of Robot)

IIOT Station 1	
Function	Dispensing of Bearing housings of all three sizes
	Sorting of three sizes of bearing housings with pneumatic gauging
	Reading of barcode pasted on bearing housing and assigning UIN (Unique Identification Number) to each housing
	Assigning the size of each bearing housing to its UIN
Components	Conveyor with minimum dimensions of 120mm x 300mm to place bearing housings (Feeder Conveyor)
	Pneumatic Gauging systems for sorting of three types of bearing housings
	Barcode Reader which will read the barcode automatically without any manual intervention
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.
IIOT / Industry 4.0 Parameters	Counting of each type of bearing housings (Total three types)
	Counting of total no. of bearing housings placed on the feeder conveyor

IIOT Station 2	
Function	Dispensing of three different types of bearing which will be assembled in three types of housings
	Vision sensing of three types of bearings
	Sorting of three types of bearings with the help of vision sensor
	Taking picture of each bearing before it is processed for assembly
Components	Vision Sensor (Teachable) which can distinguish between the three types of bearings
	Conveyor with minimum dimensions of 80mm x 300mm to transfer bearings (BRG Feeder Conveyor)
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.
IIOT / Industry 4.0 Parameters	Counting of each type of bearing (Total three types)
	Counting of total no. of bearing placed on the BRG feeder conveyor
	Assigning picture of each bearing to its UIN
	Assigning time stamp to picture of each bearing with its UIN
IIOT Station 3	
Function	Assembly of Bearings with pneumatic press unit
	Sorting of three types of assembled units
	Assigning UIN to assembled unit with its child parts and their relevant UINs
	Processing of assembled unit to take a picture with vision sensor
Components	Assembly station with pneumatic press
	Pneumatic pressure switch to measure the pressure at which assembly is carried out
	Temperature sensor to measure the temperature at which assembly is carried out
	Conveyor with minimum dimensions of 80mm x 300mm for transfer of assembled bearing units
	Load cell to measure the weight of assembled unit
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station

	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.
IIOT / Industry 4.0 Parameters	Counting of each type of assembled bearing unit (Total three types)
	Counting of total no. of assembled bearing unit placed on the assembly conveyor
	Assigning picture of assembled unit to its UIN
	Assigning time stamp of assembly to its UIN
	Assigning assembly temperature to bearing assembly UIN
	Assigning assembly pressure to bearing assembly UIN
	Assigning total assembly weight to bearing assembly UIN
	Calculate and assign the total time required for the assembly to its UIN
IIOT Station 4	
Function	Automatic Storage of Assembled Units
	Warehousing application
Components	Storage unit with minimum 12 storage cells
	Relevant sensors to determine status of each storage cell (Occupied / empty)
	Humidity Sensor to measure humidity of storage unit
	Temperature Sensor to measure temperature of storage unit
	Remote I/O s (Optimum DI / DO / AI / AO) connected with IIOT Control Station
	MS based fabricated station with castor wheels with minimum dimensions of 600mm x 300mm x 700mm. Aluminum extrusion profile with minimum dimensions of 850mm x 540 mm mounted on the top of the station for component mounting.
IIOT / Industry 4.0 Parameters	Continuous display of status of each storage cell
	Assigning storage cell number to UIN of each bearing assembly
	Assigning storage humidity to assembly UIN
	Assigning storage temperature to assembly UIN
	Assigning timestamp of storage to assembly UIN

Industrial Robot Station	
Function	Various functions as per optimum requirement from Station 1 to station 4
	Basic functions such as pick and place as well as assembly should be carried out with industrial robot
Components	Industrial 6 axes Robot from international reputed make (Fanuc / Mitsubishi / KUKA)
	Minimum reach of 500mm
	Articulated 6 axes robot
	Minimum payload capacity of 2 KG
	Optimum end effector arrangement
	Industrial robot mounted on a gantry equipped with linear motion guideways
	Minimum travel of gantry should be 2 meter
	Necessary arrangement to make sure that robot base height is in coordination with the height of IIOT stations
	Weight of the robot should not exceed 42 KG
	Robot should be programmed with dedicated teach pendant
IIOT / Industry 4.0 Parameters	Dynamic position of robot
	Gripper status (Clamp / De clamp)
	Called program of a robot
	Status of Robot (Waiting of Command / In Operation / Operation Complete)

Factory Simulation Software:

The software should be capable of demonstrating the exact robotic cell in 3D.

The software should act as a digital twin for the robotic cell with a feedback through OPC UA platform

Entire process of a robotic cell should be simulated on this factory simulation software.

Entire range of robots from all leading robot manufacturers such as Fanuc, KUKA, Yaskawa should be available in the library,

The program generated in this software should be executed on the actual robotic cell

No of Licenses: **30 / cell**

License Type: Server based, Perpetual

8.INTERNET OF THINGS

Sr. No.	Module	Key Learning Outcomes	QTY
01	**Recognize the Components of The Internet of Things**	**IOT GATE WAY PRACTICE PLATFORM SPECIFICATIONS** • ON Board LCD display for Reading of data Real time node • On board GSM SIM800c • On board Memory card slot 16GB • On Board 4 analog/4-20ma/voltage channels • On board I2c communication port. • ON board UART communication with Buffer IC SN74LVC45D. • On board Micro USB for reprogramming facility. • On board battery charger up to 500MA lithium ion and Regulator 2amp. • On board STM32F104 controller with Reprogrammable facility , • On Board multiply factor crystal oscillator of 8MHZ. • On board RTC crystal 32.768 kHz with .1ppm accuracy. • On board 3 pin jumper Boot option from SD card and flash • On Board MODBUS protocol Rs 485/RTU /transparent GPRS mode • On board SPI communication port. • On Board Integrated Bluetooth feature. • On board MIC and speaker for audio call with 4 pin connector. • On board SMD LED for status of signal, power etc. • All components must be SMD based and IEC60068-2 58. • Firmware must be upgradable from USB 2.0 cable. • On board Reset switch. • On Board UFL Antenna connector. **Wi fi node /BLE Node:** **Features: -** • On Board MODBUS RTU interface. • On board battery management and charging circuits. • Wireless power mode with wireless power transmitter 10w. • Node will be charged without connecting any USB and power cable.	**20 Sets**

		• On board Wi-Fi SOC. • On board xtensa lx6 dual core microprocessor. • On Board USB programming. • On board I2C interface. • On board UART interface. • On board Wi-Fi, BLE inbuilt. • On board 4 I/O . • On board 6 analog channels. • All components must be SMD based and IEC60068-2 58 **IOT node GSM/GPRS node.** • ON board SIM800C MODULE • On board Atmega 328p QFN package. • On board battery charger up to 500MA lithium ion and Regulator 2amp. • On board 4 Analog/4-20MA, and I2cprotocols. • On board UART Level shifter up to 5V. • On board controller integrated Bluetooth communication. • On Board UFL Antenna connector. • On Board Mic and Speaker connection for Audio Calls with 4 pin connector • On Board LEDs for Power, Signal and status indication. • On board USB Connector for firmware upgrade of • SIM800 module. • On board Mini SIM Connector. • On board 12 pin FRC with isolated UART interface. • All components must be SMD based and IEC60068-2 58 standard. **Real time GUI server monitoring software:-** • User /Device based Login platform • Plotting real time reading • Save file in CSV or excel format. • Easy to configure and plot • Software must have to set up low limit and high limit for any sensor data .and alert generation format.	
02	**Getting practical Knowledge of IOT Microcontroller Platform**	**Arduino pro MINI controller** • Microcontroller ATmega328 • Board Power Supply • 3.35 -12 V (3.3V model) or 5 - 12 V (5V model)	**20 Sets**

		• Circuit Operating Voltage • 3.3V or 5V (depending on model) • Digital I/O Pins14 • PWM Pins6UART1SPI1I2C1 • Analog Input Pins6 • External Interrupts2 • DC Current per I/O Pin40 mA • Flash Memory32KB of which 2 KB used by bootloader • SRAM2 KB EEPROM1 KB • Clock Speed8 MHz (3.3V versions) or 16 MHz (5V versions) **RASPBERRY PI** • Accessories-Micro SD card-32GB, USB 3.0 cable(1meter), HDMI to VGA-1 meter, HDMI to VGA adaptor, Case shell enclosure	
03	**Understand the Communication Technologies in IOT**	**Commutation Platform** **Wireless communication Device** Understanding for communication protocol On board 1. GSM node 2. Rf Node (Tx and RX.) 3. BLE node (Bluetooth Tx Rx) 4. LoRa Module (Tx and Receiver) 5. Serial communicaton 6. Modbus communication 7. 4- 20 ma sensor communication 8. RFID (tx and Rx.) Understanding for SOC integrated wireless protocol and individual controller and interface All must be given on single platform with power supply with each section and interface with microcontroller and sample program. All testing point with section . On board 12 pin FRC with isolated UART interface. All components must be SMD based and IEC60068-2 58 standard. On board voltage regulated supply for12v,5v,3.3 with jumper setting . On Board Reset switch and multiplex Serial port IC . On board isolator .	**20 Sets**
04	**IOT Application Module**	**REAL LIFE APPLICATION MODULE: -** **i. IOT based irrigation system: -** 3 moisture probe with different length of wire	**8 Sets Each**

0-100% volumetric moisture content
ON Board ESP controller with inbuilt Wi-Fi
Six 4-20ma Analog input.
On board pulse counter with freq. of 10 KHZ
On board 7 logic Relay function
One RS485 Trans receiver.
One RS232 Trans receiver
ON Board Memory card
8 optical isolated input with 3-32 volt signal
Workable on 12-30VDC
3 no. 12 v valve operate based on moisture value
Closed loop system to Auto control of pump .
GUI on server will give reading of moisture sensor ,
Status of valve and pump operation.

- Soil moisture sensor,
- soil temperature sensor,
- solar radiation sensor,
- leaf wetness sensor,
- flow sensor and actuator like relay, sprinklers, and
- water pump provided.

ii. Sensors for Green House Applications

(All sensors should be compatible with IOT nodes & IOT Explorer mentioned above. Sensors should provide with Industrial Cable and connectors grade)

The system should provide with following Sensors:

CO2 Sensor

Technical Specifications:

Detection Gas	:	Air Carbon dioxide
Detection Range	:	300-4000ppm
Response time	:	120 Sec.
Resolution	:	10 ppm
Operating Temperature	:	5~50 Degree
Operating Humidity	:	10~90%RH
Atmospheric pressure	:	811hPa~1216hPa
Expected Life Time	:	5 Year
Storage Life	:	6 Months

O2 Sensor

Technical Specifications:

Detection Gas	:	Air Oxygen
Detection Range	:	0-100%
Response time	:	20 Sec.
Operating Temperature	:	5~40 Degree
Operating Humidity	:	10~90%RH
Atmospheric pressure	:	811hPa~1216hPa
Expected Life Time	:	5 Year

Storage Life : 6 Months

VOC Sensor

Technical Specifications:

Detection Gas : Toluene, methanol, alcohol, acetone &etc
Detection Range : 1-50ppm
Response time : 20 Sec.
Operating Temperature : 5~40 Degree
Operating Humidity : 10~90%RH
Atmospheric pressure : 811hPa~1216hPa
Expected Life Time : 1 Year
Storage Life : 6 Months

Air Temperature & Humidity Sensor

Technical Specifications:

Temperature Range : 0 -100 Degree
Humidity Range : 0-95% RH
Response time : 1 Sec.
Expected Life Time : 3 Year

Atmospheric Pressure Sensor

Technical Specifications:

Detection Range : 15- 115kPa
Response time : 5 Sec.
Operating Temperature : 0~50 Degree
Operating Humidity : 15~90%RH
Expected Life Time : 1 Year
Storage Life : 6 Months

Soil Moisture

Technical Specifications:

Power consumption : < 13mA
Supply Voltage : 3.5V to 20 VDC.
Output Impedance : 10K ohms
Operational Temperature : -40*C to 85*C
Accuracy at 25°C : 2%
Output : 0 to 3V related to moisture content

Soil Temperature

Technical Specifications:

Temperature Range : 0 -100 Degree
Response time : 1 Sec.
Expected Life Time : 1 Year

NO2 Sensor

Technical Specifications:

Detection Gas : Nitrogen Dioxide
Detection Range : 0-20ppm
Response time : 30 Sec.
Resolution : 0.1ppm
Operating Temperature : 0~50 Degree
Operating Humidity : 15~90%RH
Atmospheric pressure : 811hPa~1216hPa
Expected Life Time : 3 Year

		Storage Life : 6 Months **Leaf Wetness** **Technical Specifications:** Measurement Time : 1 Sec Power : 5 Vdc @ 7 mA Output : 250 to 1500 mV **Solar Radiation Sensor** **Technical Specifications:** Output : 0-2VDC Range : 0 to 2000W/m^2 Spectral Response : 400 to 1100 nm Operating Voltage : 5 VDC **iii. IOT based Biomedical application: -** The platform should include following Sensors, the below sensors must be compatible with IOT nodes & its explorers. • Temperature sensor • GSR sensor • Heart rate (Pulse-oximeter) • ECG sensor • ECG cum Heart Rate Monitor • 12 Lead ECG Simulator • Respiration Rate Monitor • Patient Health Monitoring Development Platform • Body Position Sensor • SPO2 Pulse Oxygen in Blood Sensor • Blood Pressure Sensor • Glucometer Sensor PRO. \ **iv. IOT based Building Automation: -** The platform should include following Sensors & the below sensors must be compatible with IOT nodes & its explorers. • Motion sensor. • Temperature and humidity sensor. • CO2 sensor. • LPG, fire and smoke sensor • Lux based Curtain control servo motors • Lux sensor	

The detailed sensors & components specification for Building automation:

CCTV Camera
Technical Specifications

System should have ready prototype of dummy home with sensors mounted.

Communication mode	:	Wi-Fi, RJ45
Data storage	:	Micro SD card(up to 128 GB supported)
Video Resolution	:	720 pixel up to 30fps
Motion Detection	:	Yes
Audio	:	Yes (2 way)
Rotation control	:	Yes
Power supply	:	Adapter
Night Vision	:	Yes

Motion sensor
Specification:

Voltage	:	5V
TTL output	:	3.3V, 0V
Lock time	:	0.2 sec
Sensing range	:	less than 120 degree, within 7 meters
Temperature	:	– 15 ~ +70

RFID Card Reader Module
Technical Specifications:

Communication interface	:	TTL UART interface, Wiegand
Power Supply	:	+4.5V to +6.0V
Operating current	:	< 60 mA
Baud rate	:	9600bps (default)
Read frequency	:	125KHz
Digital output	:	1/0 Bit
Read range	:	50-60mm
TTL data format	:	10 byte data (card no)
Wiegand data format	:	26 Bit
Antenna	:	In-build Antenna
Buzzer and LED	:	+5V
Power Supply	:	From Microcontroller development platform
Interface	:	20 pin FRC cable

Smoke Sensor
Technical Specification

Encapsulation	:	Backlite
Detection gas	:	Combustible gas and Smoke
Concentration	:	300-10000ppm(combustible gas)
Heater voltage	:	5 VDC
Heater power	:	<=900mW
Preheat time	:	over 48 hours

Fire Sensor
Technical Specification

Operating Voltage : 4.75 – 5.30VDC
Operating Current : 20 mA
Spectral Bandwidth : 760- 1100nm
Detection Range : 0-1m

LPG Gas Sensor
Technical Specification
Encapsulation : Bakelite
Detection gas : Isobutene, Butane, LPG
Concentration : 300-10000ppm(butane, propane, LPG)
Heater voltage : 5 +-0.2VDC
Heater power : <=900mW
Preheat time : Over 48 hours

Air Temperature& humidity Sensor,
Technical Specifications:
Temperature Range : 0 -100 Degree
Humidity Range : 0-95% RH
Response time : 1 Sec.
Expected Life Time : 3 Year

CO2 Sensor
Technical Specifications:
Detection Gas : Air Carbon dioxide
Detection Range : 0-2000ppm
Response time : 120 Sec.
Resolution : 10 ppm
Operating Temperature : 5~50 Degree
Operating Humidity : 10~90%RH
Atmospheric pressure : 811hPa~1216hPa
Expected Life Time : 5 Year
Storage Life : 6 Months

Relay
Technical Specifications
normally closed contact : 4
normally open contact : 4
Channel : 4 channel
Relay Operating Voltage : 3.3V to 5V
Power supply indicator : Yes
Control indicator : Yes
AC/DC load Voltage : up to 220V
AC/DC load Current : up to 5A at 220V, 7A at 110V

Hooter
Specification:
Diameter : 22mm/0.86"
Height : 10mm/0.39”
Buzzer Type : Piezoelectric
Sound Pressure Level : 95 dB
Rate Voltage : 12V DC
Operating Voltage : 3 - 24V
Max Current Rating : 10mA
Frequency : 3900±500Hz

Touch Panel
Technical Specification
No of touch switch. : 4
No. Of sockets : 1
No. Of fan regulator : 1
Load : 230V,6A

		v. IOT based Environment/weather monitoring: - • Temp and Humidity sensor • Dust particle sensor • Rain Gauge sensor • solar radiation sensor **Weather Monitoring System** **Technical Specifications:** **Operating Temperature** Operating Voltage : +5V DC Operating Range : -10°C to 90°C Resolution : 1°C **Relative Humidity** Operating Voltage : +5V DC Operating Range : 0 to 95% Resolution : 5% **Wind Speed Sensor** Speed : 0 to 20m/S Resolution : 1m/S **Wind Direction Sensor** Direction : North, East, West, South, North-East, East-South, North-West, South-West **Rainfall** Operating Range : Unlimited Tipping bucket with 8 inch diameter collector & shows measurement in both cm as well as in mm **Solar Radiation sensor** Output : 0-2VDC Range : 0 to 2000W/m2 Spectral Response : 400 to 1100 nm **Atmospheric Pressure Sensor** Detection Range : 15- 115kPa Response time : 5 Sec. **Air Quality Sensor (PM2.5)** Detection Range : 10 - 500 ppm Response time : 5 Sec. **UV Index Sensor** Response wavelength : 200nm-370nm Response time : 5 seconds **Wireless Transmission** : GPRS Based Cloud Services : 1 Year **Some other parameters** GSM based cloud connectivity, application software for Dashboard for remote monitoring and analysis. **Power Supply** Battery : 12V/40Ah Solar Panel : minimum 50W	

Weather Monitoring
Station Dimension (in mm) : 2400 X 450 X450

vi. Smart parking: -

- Occupancy sensor based parking control system,
- BLE based communication node on each slot to display system
- Update status of parking on Entry with Display system LCD.
- Estimated time while park so can update on server.

Sensors for Smart Parking
(All sensors should be compatible with IOT Nodes & IOT Explorer mentioned above. Sensors should provided with Industrial Cable and connectors grade)

The system should provided with following Sensors:

CCTV Camera
Technical Specifications
Communication mode : Wi-Fi, RJ45
Data storage : Micro SD card(up to 128 GB supported)
Video Resolution : 720 pixel up to 30fps
Motion Detection : Yes
Audio : Yes (2 way)
Rotation control : Yes
Power supply : Adapter
Night Vision : Yes

Motion sensor
Specification:
Voltage : 5V – 20V
Power Consumption : 65mA
TTL output : 3.3V, 0V
Lock time : 0.2 sec
Trigger methods : L – disable repeat trigger, H enable repeat trigger
Sensing range : less than 120 degree, within 7 meters
Temperature : – 15 ~ +70
Dimension : 32*24 mm

RFID Card Reader Module
Technical Specifications:
Communication : TTL UART interface, Wiegand interface
Power Supply : +4.5V to +6.0V
Baud rate : 9600bps (default)
Read frequency : 125KHz
Digital output : 1/0 Bit
Read range : 50-60mm
TTL data format : 10 byte data (card no)
Wiegand data format : 26 Bit
Antenna : In-build Antenna
Buzzer and LED : +5V
Power Supply : From Microcontroller development platform
Interface : 20 pin FRC cable

Relay
Technical Specifications

normally closed contact	:	4
normally open contact	:	4
Channel	:	4 channel
Relay Operating Voltage	:	3.3V to 5V
Power supply indicator	:	Yes
Control indicator	:	Yes
AC/DC load Voltage	:	up to 220V
AC/DC load Current	:	up to 5A at 220V, 7A at 110V

Hooter
Specification:

Buzzer Type	:	Piezoelectric
Sound Pressure Level	:	more then 95 dB
Rate Voltage	:	12V DC

Magnetic hall sensor(Qty. 4 No)
Specifications

Supply Voltage (Operating)	:	3.3 -5V
Response time	:	3uS
Output	:	TTL

Ultrasonic sensor
Specification:

Working Voltage	:	DC 5 V
Working Frequency	:	42kHz
Max Range	:	765cm
Min Range	:	20cm
Measuring Angle	:	15 degree
Trigger Input Signal	:	10uS TTL pulse Echo
Output Signal	:	TTL level signal ,I2C bus

communication allows rapid control of
multiple sensors with only two wires

vii. **IOT based Energy Efficient Street light :**
- 4 no. LED light 15 W with RF module and Proximity sensor
- Auto detect on movement of vehicle or object.
- Auto Dimming of light once NO vehicle movements.
- When sensors detect the Objects/Vehicles the next light will glow with full Intensity, previous light goes Dim.
- All Light status on Master node and update on server.

viii. **IOT based Traffic Air pollution monitoring**
- PM2.5, PM10 based pollution Detection,
- CO2 level monitoring for traffic density.
- Auto path clearance for Ambulance and fire brigade based
  on RF communication to traffic light.

ix. **IOT based smart Dustbin collection**

		• Status of dustbin full or empty and its location • dustbin consists of a level sensing ultrasonic sensor that constantly measures the level of garbage in the bin and automatically detects if it is about to fill up. Auto alert on server to pick. **x. IOT based public toilet cleaning Feedback system** • Push button for different option. Good, moderate, poor. • All button will have LED display and • data saving and send full day logging to server	
5	Essential consumables consists of following items:		**40 Sets each**
	Breadboards and Mini Breadboards	Solderless 400pin breadboard Solderless 800pin breadboard self-adhesive Protoshield	
	General Purpose solderable Board	FR2 A Grade Material (140x90mm) FR2 A Grade Material (80x55mm)	
	Berg Strips	Female Berg Strip, 2.54mm pitch, 40 pin single row, breakable pin Male Berg Strip, 2.54mm pitch, 40 pin single row, breakable pin	
	16x2 LCD Display	DOT Matrix LCD Display. 16 Characters X2 lines. 12C	
	USB Cables	USB Cable Set (A to B, 12 inches or more)	
	USB Cables	USB Cable Set (Mini, 12 inches or more)	
	Battery	9-12V 2000to 2500mAh rechargeable battery with two chargers. Equivalent or Better	
	Resistor Kit	One Kit contain-30 Carbon Film resistors of 20 different resistance values each assorted, packaged together and labelled Wattage: 0.125W to 1W Values: 0Ω, 1.5Ω, 4.7Ω, 10Ω, 47Ω, 100Ω, 220Ω, 330Ω, 470Ω, 680Ω, 1KΩ, 2.2KΩ, 3.3KΩ, 4.7KΩ, 10KΩ, 22KΩ, 47KΩ, 100KΩ, 330KΩ, 1MΩ	
	Capicitor Kit	One Kit contain-20 electrolytic capacitors of 10 different capacitance value each Assorted Kit packaged together and labelled Values: 10pF, 22pF, 100pF, 1nF, 10nF, 100nF, 1µF, 10µF, 100µF, 1000µF	

	Linear Voltage Regulator	7805, 7812, 7809	
	Water Pump Module	DC 12V 3W Submersible Water Pump	
	Piezoelectric Plate	Normal Copper based 4cm Diameter approx.	
	8*8 LED Matrix Module	Max7219 Dot LED Matrix Module. MCU Control LED Display Module	
	Bluetooth Module	HC 05 Bluetooth module Voltage Rating: 5V	
	7 Segment Led Display	LED 4 Digit Display Module Volltage Rating: 2.4V to 5.5V 4-Pin interface: Vcc, Gnd, Data, Clock	
	GSM	Sim 900GPRS Transfer Board Micro Sim Gsm Core TTLPort Module for Arduino	
	GPS	GY-NEO6MV2 new GPS module	
	Laser Diode Emitter	650nm 5mW Mini Laser Dot Diode Module	
	LDR Module	5mm/12mm, Photosensitive LDR Light Sensor Module	
	Keypad	Universal 16 Key Switch Keypad	
	Joystick	2-axis joystick with push button function	
	Active Buzzer	Small 5 Volt Big 5 Volt	
	Motor Driver Module	L293D	
	Sound Playback Module	ISD1820 voice recording module or equivalent	
	DC Plastic Gear motor with wheel	12V, 150RPM, Side shaft BO(Battery Operation) Motor	
	Node MCU	ESP 8266 I2C, 1Wire, Plug and Play	
	WeMos D1 R2	WeMos D1 R2 with wifi ESP 8266 Operating Voltage : 5V	
	Vibrating Motor	Weight: 10Grams Operating Voltage : 1.5V to 3V	
	Alligatory Connectors	Multicolor Alligator Connectors-12inch	
	Battery Clips with DC Jack	9-Volt Battery Clips with DCJack	
	Hook Up wires	Red and Black set 100Meters each	
	Jumper Cable	Male-Male Male-Female Female-Female	
	RGB LEDs	Regular 5mm3-5volt Range	

	LEDs (RED)	Regular 5mm3-5volt Range	
	LEDs (GREEN)	Regular 5mm3-5volt Range	
	LEDs (BLUE)	Regular 5mm3-5volt Range	
	LEDs (YELLOW)	Regular 5mm3-5volt Range	
	LEDs (WHITE)	Regular 5mm3-5volt Range	
	Timer IC-LM 555	LM 555 Timer IC Voltage Range-4.5V to 16V	
	Atmega 16u2	8 bit Microcontroller Individual IC (DIP) Voltage Range: 2.7V to 5.5V Operational Range: -40 degree C to +80 degree C	
	Diodes and Transistors Kit	Types: NPN Transistor-2N3904, BC547 PNP Transistor, 2N3906, BC557 Silicon Diode -1N4148, Power Diode-1N4004/4001 Equivalent or Better Wattage: 1W, Current Rating: 1A Assorted Kit packaged together and labelled	
	Button Switch Set	One Kit Contains-100Buttons of Different types Types: Push, Toggle, Rotary, selector and Slide switch Assorted Kit packaged together and labelled	
	Capacitive Touch Module	MPR 121 with I2C Voltage Range: 2.5V to 3.6V DC	
	Capacitive Switch Toggle Module	Digital Capacitive Touch Switch modue-TTP223B Voltage Range: 2V to 5V DC	
	IR sensors, Obstacles, avoider sensor module	LM393, Detection Distance: 2-30cm Detection Angle: 30-40 degrees	
	Pulse Rate Heart Sensor	Pulse Rate Sensor Finger Based (finger or earlob) Working Voltage 3-5V	
	Relay Module	5V 10A-2 Channel Relay compatible with Arduino	
	Relay Module	5V 10A-1 Channel Relay compatible with Arduino	
	DC Motor	12V Gear 150 RPM	
	Servomotor	Positive Servo angle based Metal Gear Small Servo Metal Gear Continuous Metal Gear Servo 360 Small Servo Plastic Gear	
	150 RPM BO Motor	150 RPM BO Motor	
	L298P Motor Driver	L298P Motor Driver Shield or relative Driver Shield	
	Servo Motor Tester	CCPM 3 Channel Servo Tester	

6	Sensor kits.	The list of sensor includes following: • Small passive buzzer module • 2-color LED module • Hit sensor module • Vibration switch module • Photo resistor module • Key switch module • Tilt switch module • 3-color full-color LED SMD modules • Infrared emission sensor module • 3-color LED module • Mercury open optical module • 2-color LED module 3MM • Active buzzer module • Temperature sensor module • Automatic flashing colorful LED module • Mini magnetic reed modules • Hall magnetic sensor module • Infrared sensor receiver module • Class Bihor magnetic sensor • Magic light cup module • Rotary encoder module • Optical broken module • Detect the heartbeat module • Reed module • Obstacle avoidance sensor module • Tracking sensor module • Microphone sound sensor module • Laser sensor module • 5V relay module • Temperature sensor module • Temperature sensor module • Linear magnetic Hall sensors • Flame sensor module • Sensitive microphone sensor module • Temperature and humidity sensor module • XY-axis joystick module • Metal touch sensor module	40 Sets

The bidder has to provide for the above kits/equipments :

- Operational-Maintenance Manuals
- List of Experiments
- Lab Manual

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

other local services required to convey the Goods from the named place of destination to their final destination as specified.

(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:

13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes). 13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country 14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)

17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.

18 Documents Establishing the Qualifications of the Bidder

18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:

(a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;

(b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and

(c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.

19 Period of Validity of Bids

19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive.

19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below;

19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

Bidder.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria

40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

41 Purchaser's Right to Vary Quantities at Time of Award

41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

43Notification of Award

43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

44 Signing of Contract

44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.

45Performance Security

45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser.

45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser’s address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser’s convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier’s receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert:* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month], [insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s[1]) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

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[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

5.4 Throughout these Bidding Documents:

(d) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, “singular” means “plural” and vice versa; and

(f) “Day” means calendar day.

(g) The terms “Bid” & “Tender” means same

GOVERNMENT TOOL ROOM & TRAINING CENTER. BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

GTTC/MCD/UPGRADATE-LAB.EQUIPMENTS/TENDER/BD-224/2020-21

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	

	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF FURNITURE & FIXTURES

BID REF. NO. GTTC/MCD/TENDER/FURNITURE& FIXTURES/BD-225/2020-21

BIDDING DOCUMENT

NOVEMBER - 2020

LAST DATE FOR SUBMISSION: 22.12.2020 **AT 14.00 HRS**

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

Invitation for Bids

PROCUREMENT OF FURNITURE & FIXTURES

GTTC/MCD/TENDER/FURNITURE&FIXTURES/BD-225/2020-21

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No.	Description	Quantity	Earnest Money deposit in Indian Rupees
1	Plastic Chair with Arm	1090 Nos.	4,00,000.00
2	Drawing Board with stand	170 Nos.	
3	white Board with stand	20 Nos.	
4	Ceramic board [chalk board]	73 Nos.	
5	Work Bench	140 Nos.	
6	Steel Almiraha	100 Nos.	
7	Instructor / office Chair [with Arm]	141 Nos.	
8	Instructor / office Table	98 Nos.	
9	Library Glass Door Cupboard	85 Nos.	
10	Dual Desk	290 Nos.	
11	Pigeon cupboard	100 Nos.	
12	Office file cabinet	43 Nos.	
13	science lab. table	44 Nos.	
14	Library reading table	42 Nos.	
15	Principal / Exc. Table	10 Nos.	
16	Principal Exc. Chair	10 Nos.	
17	Computer chair [without Arm]	390 Nos.	
18	Computer Table	310 Nos.	
19	Conference Table [to accommodate 10 persons]	15 Nos.	
20	Conference Chair	150 Nos.	
21	Dinning Table & Chair [to accommodate 6persons. In a set]	96 sets.	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from **19.11.2020** till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4.Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +91 80 23010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.**22.12.2020**, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.24.12.2020** after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original manufacturer. The bidder shall have minimum 10 years of experience in supplying of furniture across Karnataka state. Manufacturers should have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).
2. GST & PAN Certificate.
3. Rs.100 Lakhs Solvency Certificate issued by any nationalised Bank /Scheduled Bank
4. Income Tax Returns filed for the last three financial years
5. The average annual financial turnover of the manufacturer should be, not less than Rs.6.00 crores (only from sale of furniture) in the last three financial years - and it should be certified by the Chartered Accountant.
6. The tenderer should be a manufacturer who must have manufactured, **and supplied the furnitures & fixtures similar to the type specified in the Sc**hedule of Requirements upto at least 80 % **(40% with respect to Micro and Small Enterprises)** of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of latest models incorporating the latest improvements in design.
7. Copies of Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded.
8. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.
9. Bidder shall quote for all the items. Partial quote is not accepted.
10. The bidders who satisfy the qualification criteria will be given 10 days time to make ready the samples of each item. GTTC Technical team will visit the manufacturer's place to check / inspect the items to confirm whether product meets the tender specification. Based on the evaluation report, commercial bid of technically qualified bidder will be opened.
11. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC centres. (Destination is given in document). **Overall lowest price will be L1 bidder.**
12. Supply will be staggered centre wise within a year, after issue of Purchase order.
13. **Bidder shall hold the price for minimum period of one year from the date of purchase order in case any further additional quantity required during that period to any of the GTTC centres across Karnataka**.
14. Payments terms: 100% against satisfactory supply and certification [Goods Received Note] by the competent authority.

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 4,00,00.00 to be paid through any one of the means as mentioned below.

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Further remaining Rs 3,50,000.00 in the form of a Bank Guarantee form any scheduled bank.

Or

B. EMD full amount may also be paid by any one of the mean as mentioned above.

- In addition to the EMD, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Uploaded Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Pre-Bid Meeting - 26.11.2020 - 11.00 AM
- Last date of submission: 22.12.2020 up to 17.00 PM
- Opening of Technical Bids:24.12.2020 at 15.00 PM. (Electronically).

Instructions to Bidders

1. Scope of Bid Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of the following furniture. as specified in the Schedule of Requirements

1	Plastic Chair with Arm	1090 Nos.
2	Drawing Board with stand	170 Nos.
3	white Board with stand	20 Nos.
4	Ceramic board [chalk board]	73 Nos.
5	Work Bench	140 Nos.
6	Steel Almiraha	100 Nos.
7	Instructor / office Chair [with Arm]	141 Nos.
8	Instructor / office Table	98 Nos.
9	Library Glass Door Cupboard	85 Nos.
10	Dual Desk	290 Nos.
11	Pigeon cupboard	100 Nos.
12	Office file cabinet	43 Nos.
13	science lab. table	44 Nos.
14	Library reading table	42 Nos.
15	Principal / Exc. Table	10 Nos.
16	Principal Exc. Chair	10 Nos.
17	Computer chair [without Arm]	390 Nos.
18	Computer Table	310 Nos.
19	Conference Table [to accommodate 10 persons]	15 Nos.
20	Conference Chair	150 Nos.
21	Dinning Table & Chair [to accommodate 6persons. In a set]	96 sets.

2. Sources of Funds *Funds available with Government Tool Room & Training Centre.*

For other instructions refer to General Terms & Conditions for Bids

General
The Purchaser is: Govt. Tool Room & Training Centre
The name and identification number: GTTC/MCD/TENDER/FURNITURE&FIXTURES/BD-225/2020-21

Contents of Bidding Documents
Purchaser's address is: Govt. Tool Room & Training Centre Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: md.gttc@gmail.com Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.
The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**
Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.
A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, ISO certificate etc., must be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.
The Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India The deadline for the submission of bid is Date**: 22.12.2020** Time: Up to **17.00 Hrs.**
The technical bid opening shall take place electronically on: **Date: 24.12. 2020** **Time: 15.00 Hrs.**

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

- EMD up to Rs. 4,00,000.00 to be paid through any one of the means as mentioned below.

Method of EMD payment:-

A Rs.50,000/- by cash, through any of the method as mentioned below

(e) Credit Card.
(f) Debit Card.
(g) National Electronic Fund Transfer (NEFT).
(h) Over the Counter (OTC) (Axis Bank).

Further remaining Rs. 3,50,000.00 in the form of a Bank Guarantee form any scheduled bank.

Or

B. EMD full amount may also be paid by any one of the mean as mentioned above.

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

Sl. No.	Description	Specification
01	Dual Desk	Drawing along with Specification enclosed
02	Drawing Board with stand	Drawing along with Specification enclosed
03	Computer Table	Drawing along with Specification enclosed
04	Computer Chair (without Arm)	Drawing along with Specification enclosed
05	Work Bench	Drawing along with Specification enclosed
06	Pigeon Cupboard (18 Lockers)	Width (W)= 3' Depth (D) = 2' Total Height(H) = 6½' Individual Latches with handle and Steel Doors Total 18 - Lockers(6 - Rows & 3 - Coolum's)- Each locker Size 1'X1' Material : M.S. Sheet Back Portion & Legs 16 Gauges. Remaining all Portion is 18 Gauges. Colour : Ash/Dark Green
07	Almirah	Dimensions in – Feet Width (W) = 3' Depth (D)= 2' Total Height(H) = 6½' Steel Partitions 5 Rows- Flat = Stiffeners to be Provided at each Shelfs. Lock and Key with Door Handle = Standard. Steel Door = Standard Material : M.S. Sheet with 18 Gauge - All Round Colour: Ash
08	Office File Cabinet	Width = 470 mm Length = 620 mm Height = 1320 mm Sheet Thickness Top = 32 mm Sheet Thickness Bottom = 66 mm Lock & Key with File Racks 4- Drawers = Standard. MS-Sheet of 18 Gauge Colour – Ash
09	Instructor / Office Table	Length(L) = 60" Width (W)= 36" Height(H) = 30" 3- Steel Drawers with Lock & Key & External Latches for Pad lock Size = Standard = 14" X 17" Tabletop Rubber Wood Frame Material: M.S. Square Hollow 1 " & Gauge -18 with Rigid Leg Plastic Bushes..

10	Instructor/Office Chair (with Arm)	Width (W)= 440 mm Depth (D) = 420 mm Height (H)= 820 mm Seat Height = 370 mm Steel Pipe Bend Frame = Dia 20 mm with 16 - Gauge All Round. Seating area and Back support Portion - Perforated Mild Steel Sheet & Black Powder Coated with Plastic Bushes for Rigidity to the legs. - 16 - Gauge. Arm Height - 220 mm Back Support Half Round = Dia 450 mm
11	Ceramic Classroom Boards	Size: 4' x 8' Ceramic Steel Magnetic Green Chalk Board (UM Grade) With Enamel Steel Surface, Scratch Resistant and have an Indefinite Life Span All-Round Frame provided with Sal wood Frame with teak Polish finishing Board to the Wall Fixing
12	Science Lab Tables	Length(L) = 72" Width (W)= 36" Height(H) = 30" Frame Material - M.S.Square Tube 1" & Gauge 18 with Rigid Leg Plastic Bushes. Wooden Parts Size : Inches (A) Length = [72"] (B) [72"] (A) Width = [36"] (B) [36"] (A) Thickness = [¾"] (B) [¾"] Wood Material for A & B, Area : Rubber Wood ¾" thick and Half round- All Sides
13	Library Reading Table	Library study table of size width(W)-2352mm (96"), Depth (D)-1176MM (48"), Height (H) -735MM (30") frame made of 40 x 40 M.S. 18 gauge Square pipe, with powder coated finish, Top to be made of ¾" plywood, on which 1 mm laminated sheet to be pasted along with half round peach wood beeding pre-laminated board with 2mm edge beeding.
14	Library Glass Door Cupboard	Steel Bookcase of size width (W) - 808MM (33"), Height (H) - 1617mm (66"), depth (D) - 294MM (12") with slide Door Common key locking systems and pint finish guage - 1mm (20) glass - thickness 4mm.
15	Dining Table & Chair set [to accommodate 6 persons in a set]	**6 SEATER DINNING TABLE SPECIFICATION** a) The overall dimensions of the table should be 1800mm (W) X 800mm(D) X750mm(H). b) The table top should be made of SS-304 grade 1mm thick brush finish stainless steel. c) The top frame assembly should be rectangular tube of dimensions 50.8mm X 25.4mm X 1.6mm thick MS ERW which are welded and powder coated. d) The side frame assembly should be fixed to the top with screws.

		e) The side frame assembly should be made of combination of circular and rectangular tubes of MS ERW. f) The circular tube should be of diameter 38.1mm and thickness 1.6mm. g) The rectangular tube should be of dimensions 50.8mm X 25.4mm and thickness 1.6mm.Circular and rectangular tubes should be welded together to form the assembly. h) Side frame assembly should be fixed to top frame assembly. i) The stool top should be made SS-304 grade 1mm thick brush finish stainless steel with MS Ribs for strength. j) The stool top should have an height of 450mm and the diameter of the stool top should be 300mm. k) The stool assembly should be foldable above the side frame. Cross members should be provided between side frame assemblies. l) Cross members should be made of 50.8mm X 25.4mm X 1.6mm thick MS ERW of 1.6mm thickness and should be powder coated. m) Finish should be epoxy polyester powder coated of 40-60 micron thickness. Shoe should be provided at the bottom. Drawing enclosed
16	Conference Table [To accommodate 10 persons]	Horse Shoe Table Providing and Fixing “HORSE SHOE TABLE” for 6 seater of overall size 2700x1800x750mm using Prelam particle board. The top of the table will be made of 25mm Prelam Particle board and 600mm in width all along, the inside vertical supports will be made of 19mm prelam particle board and all edges will be finished with 2mm edge banding tape.
17	Conference Chair	Providing & Installing Revolving type Executive chair with height adjust, synchro tilt mechanism with 4 position lock system, mesh back for free air supply with good lumber support, adjust arms, nylon base with unbreakable twin wheel castors.
18	Plastic Chair with Arm	
19	Principal / Executive Table	Table size - 1500mm (W) X750MM(D)X750MM(H) and side table of size 450mm(W)X900MM(D)X750MM(H) made of 25mm and 19mm plywood finished with 1mm laminate for all exposed surface and 0.8mm laminate for all inside surface. All edges will be finished with 2mm PVC edge banding tape. Main table to be provided with 1 moveable pedestal and side table to be provided with one drawer, open shelf for CPU and key board tray.

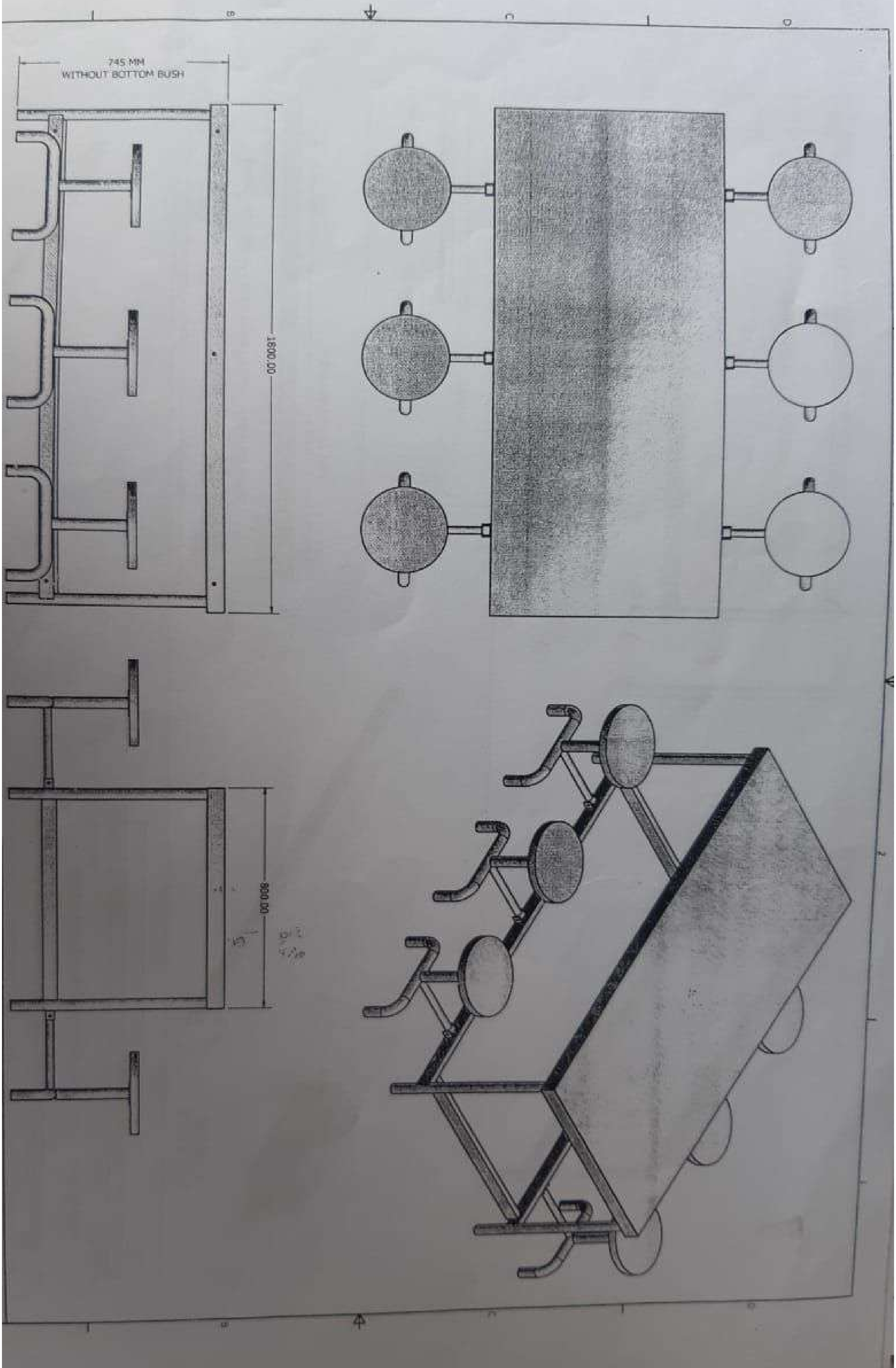
20	Principal / Executive Chair	Executive High back revolving chair with headrest consisting of pneumatic height adjustment, tilt & synchro mechanism with single lever operation mechanism. The seat & back shall be made out of one single hot pressed ply mould to provide bucket seat contour. The seat & back shall be made out of high density moulded form upholstered with good quality ecological leather PU. The inner surface of the chair shall have rhombus shaped stitching for better aesthetics & comfort ergonomically. The base shall be five pronged made out of high quality aluminium alloy die cast with hi-ni chrome plated finish. The base shall have rubber grips for footrest & fixed with twin wheel nylon castors. The armrest shall be one piece solid aluminium oval tubular section with hi-ni chrome plating finish with PU padded on the top surface.
21	White Board with stand	6' X 5'

Refer - PDF File for specification / Drawings

1. List of Goods and Delivery Schedule

Special Conditions of Contract	
	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA - INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE - ACROSS KARNATAKA
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms: 100% against satisfactory supply and certification from the competent authority.
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*


745 MM
WITHOUT BOTTOM BUSH
1600.00
800.00

G T & T C

DUAL DESK

Dimensions - MM/Inch

Total Dual Desk Size

Depth(D)	914mm(36")
Width (w)	1168mm(46")
Height (H)	838mm Front Height 31" & Back BackHeight(33")

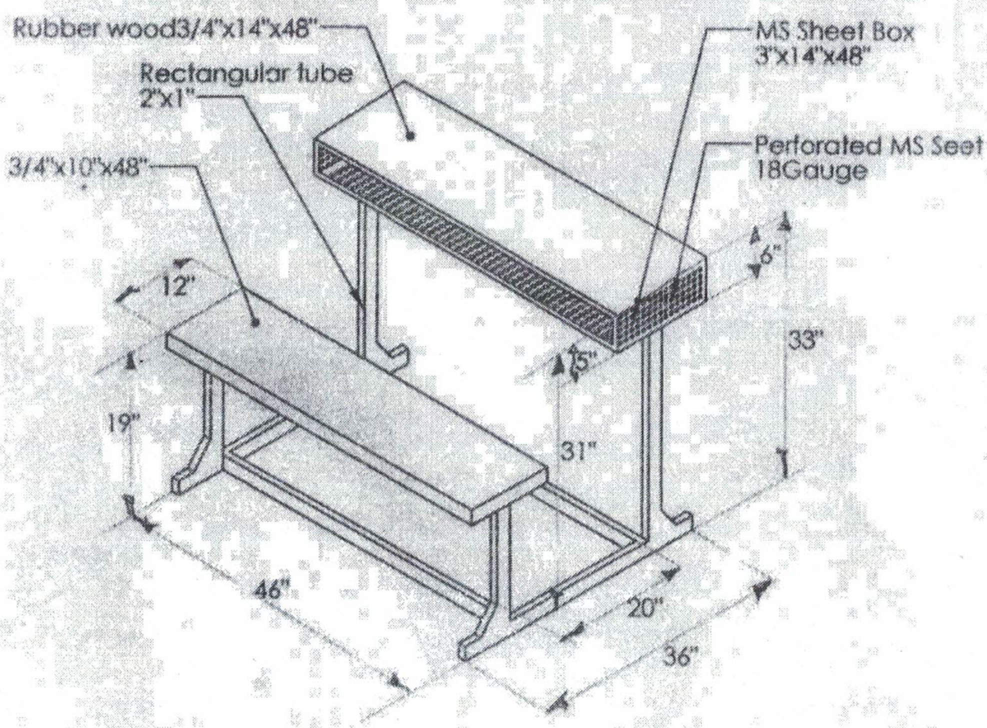
With Rigid Leg Plastic Bushes.

Wooden Parts Size:

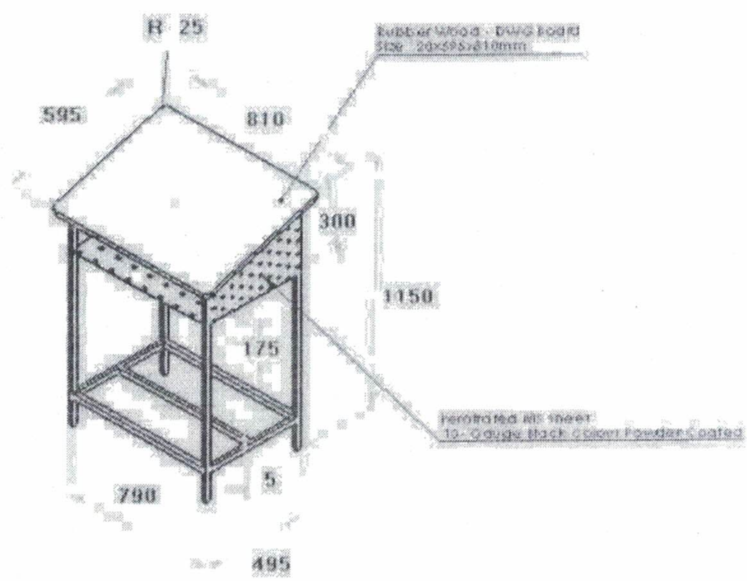
Top the desk Wood size	3/4"x14"x 48" 10 Degree Draft to be Provided	Type of wood: Rubber Wooc with Peach wood colour.
Book Keeping Box Size MS Sheet	3"x14"x48" Height Front:6" Back:5"	MS Sheet Light Green Painted - 18 Gauge.

Seating Part Size.

Seating Portion Wood Size	3/4"x10'x48"	Type of Wood:Rubber wood with peach wood colour.



DRAWING BOARD WITH STAND

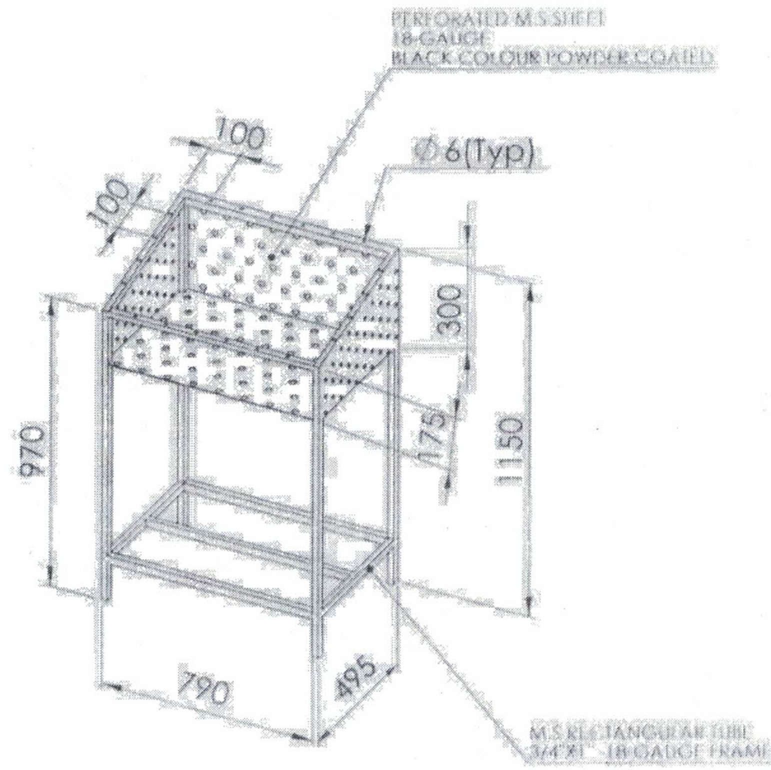


DRAWING BOARD FRAME

ALL DIMENSION IN MM

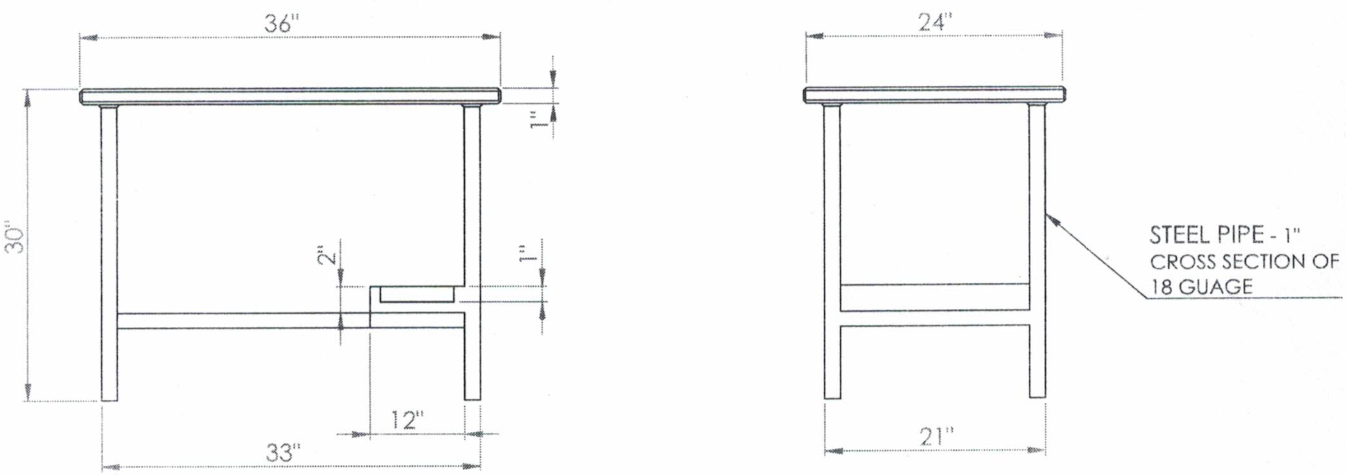
LENGTH (L)	790mm
WIDTH (W)	495mm
HEIGHT (H)	970mm
Drawing Board Size: Material: Rubber Wood 20mmThick Radius 25mmto be Provided All Corners	Size:20x595x810mm to suite A1 Size Drawig sheet.
MS- Perofrated Sheet - 3 sides & Bottom	18 Gauges.

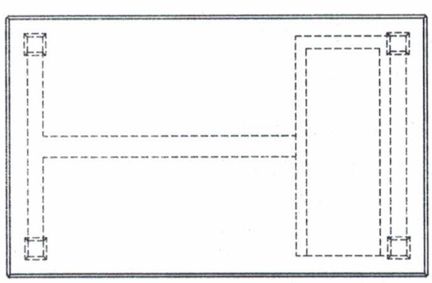
Frame Material:- MS Rectangular Tube 3/4"x1" &Gauge - 18with Rigid Leg Plastic Bushes



GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD-204/2019-20

NOTE - steel pipe square - 1" cross section of 18 gauge
top wooden plank (Rubber Wood) to be rounded to R10mm





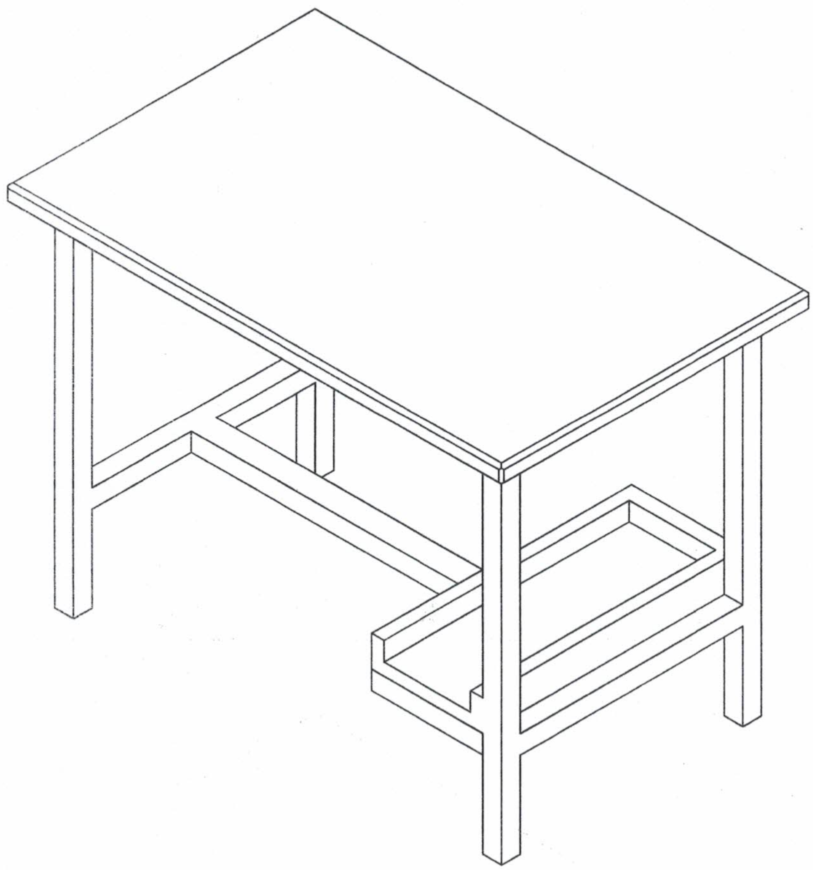
NOTE : all dimensions are in inches

TITLE:

COMPUTER TABLE

A4

SHEET 1 OF 2



TITLE:

COMPUTER TABLE

A4

SHEET 2 OF 2

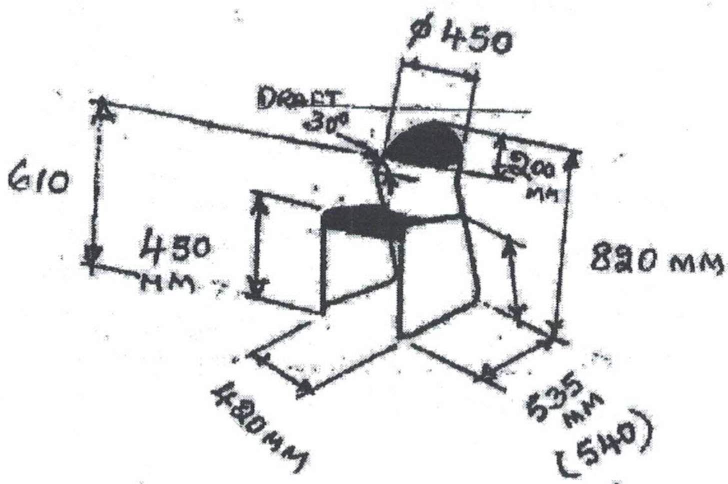
FURNITURE

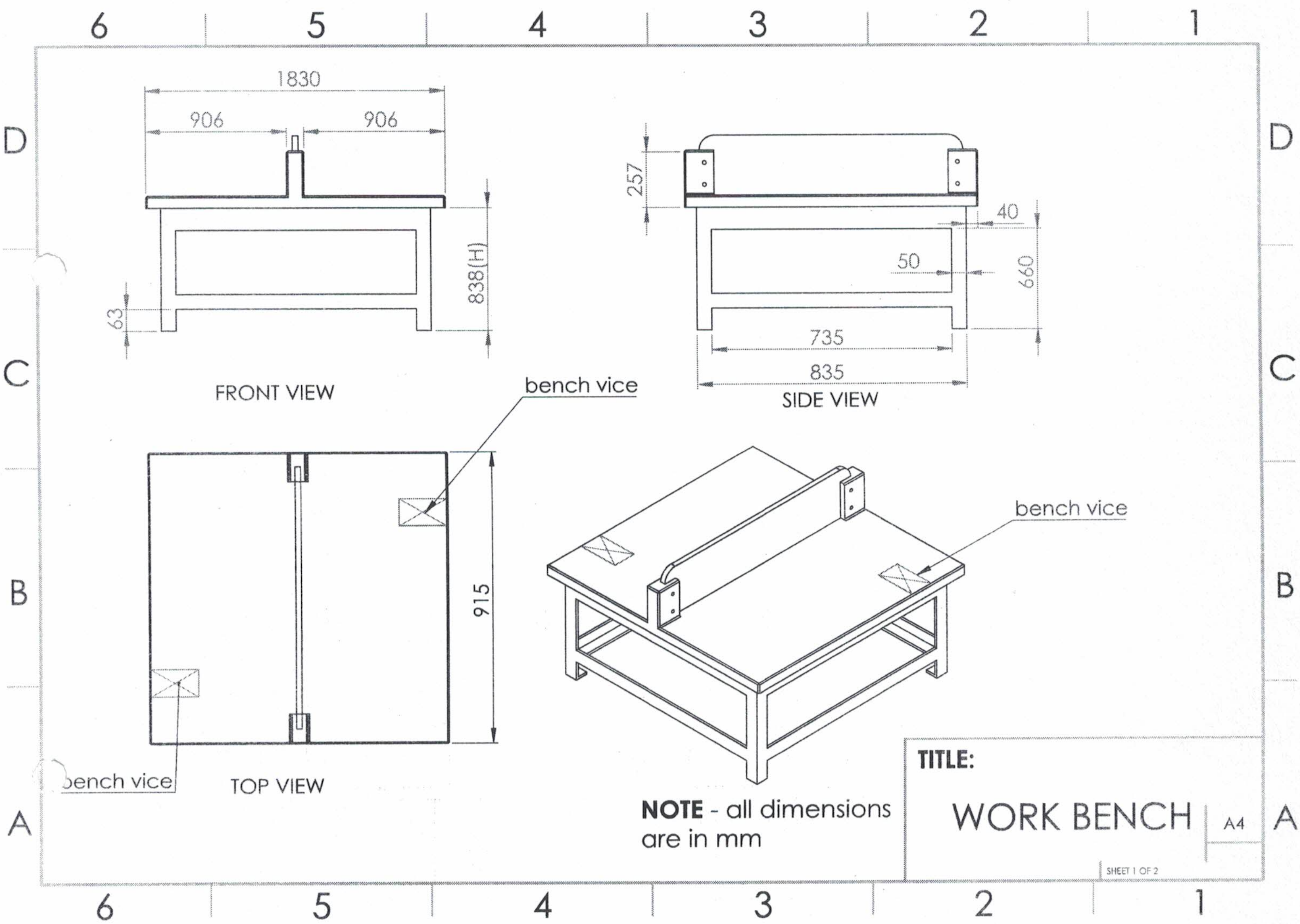
COMPUTER LAB/[redacted]
CHAIR (WITH OUT ARM)

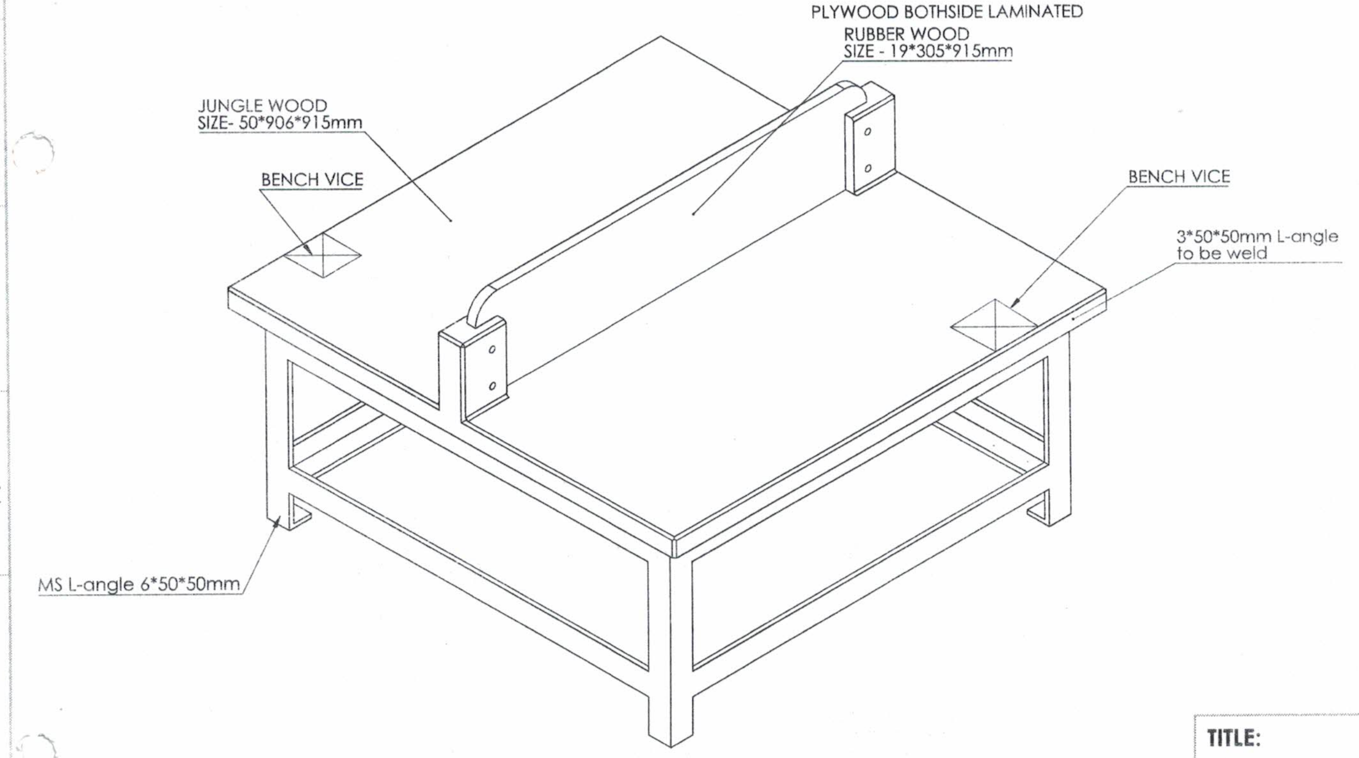
Drawing. No.: 09

All **Dimensions in MM**

Width	440 MM
Depth	420 MM
Height (H)	820 MM
Seat height	370 MM
Steel Pipe Bend - Frame	Dia 20 MM with 16-Gauge All round
Seating area and back Support Portion -Perforated Mild Steel sheet and Black Powder coated with Plastic Bushes For Rigidity to the legs.	16-Gauge




1830
906
906
838(H)
63
FRONT VIEW
257
40
50
660
735
835
SIDE VIEW
bench vice
915
bench vice
TOP VIEW
bench vice
NOTE - all dimensions are in mm
TITLE:
WORK BENCH
A4
SHEET 1 OF 2



TITLE:

WORK BENCH

A3

SHEET 2 OF 2

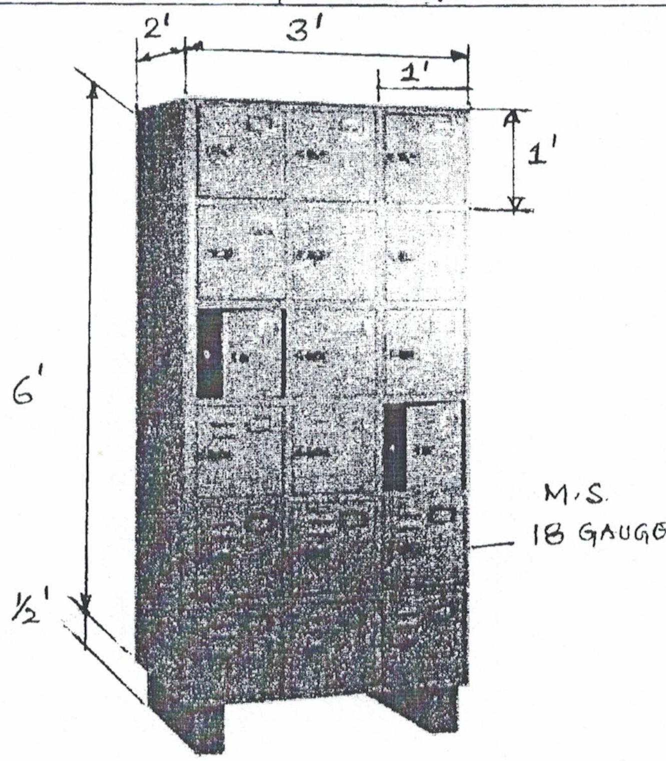
GT&TC
BANGALORE

FURNITURE

PIGEON CUP BOARD

Dimensions-Feet

Width (W)	3′
Depth(D)	2′
Total Height (H)	6½′
Individual Latches with handle and Steel Doors Total 18-Lokers (6-Rows and 3-coloumns)	Each locker Size: 1′x1′
MATERIAL	**MS Sheet : Back Portion and Legs 16 Gauge** **Remaining All Portion is 18 Gauge** **Colour: Ash /Dark Green** – POWDER COATED



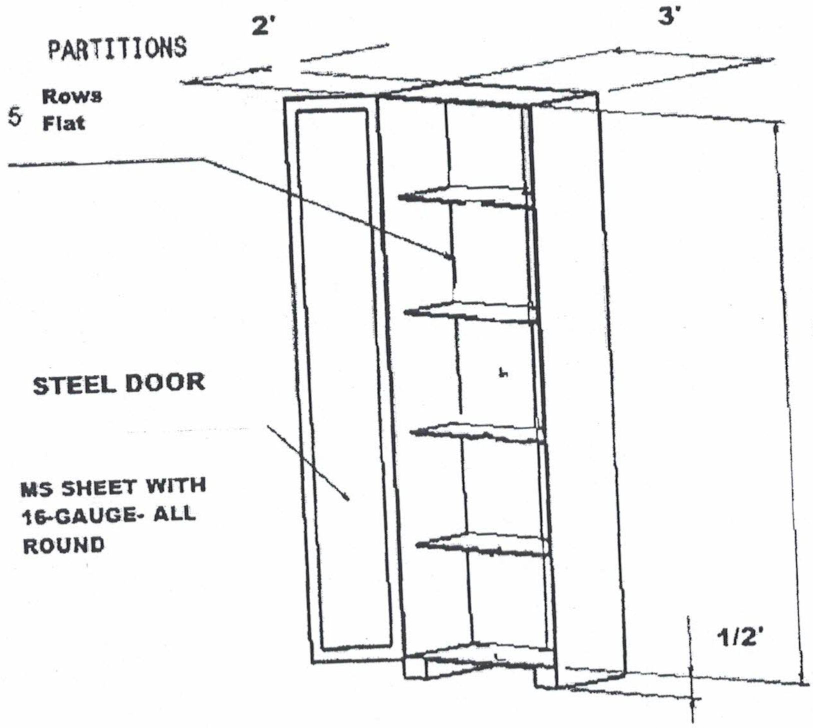
GT&TC
BANGALORE

FURNITURE

ALMIRAH

Dimensions in -Feet

Width (W)	3'
Depth(D)	2'
Total Height (H)	6½'
Steel Partitions 5 Rows-Flat	**Stiffeners to be provided at each Shelfs**
Lock & Key with Door handle	Standard
Steel Door	Standard
MATERIAL	**MS Sheet with 16 Gauge-All Round**
Colour	Ash - POWDER COATED



GT&TC BANGALORE

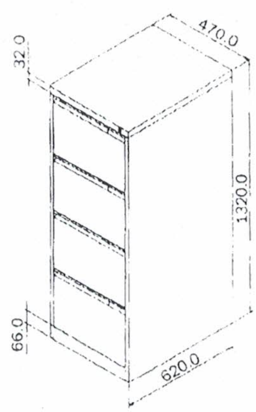
FURNITURE

OFFICE FILE CABINET

Dimensions - in MM

BIG-SIZE	
Width	470 MM
Length	620 MM
Height (H)	1320 MM
Sheet Thickness Top	32 MM
Sheet Thickness Bottom	66 MM
Lock & Key with File Racks **4-DRAWERS**	Standard

MATERIAL FOR BOTH BIG AND SMALL CABINETS	
MS-Sheet of 18 Gauge	Colour: Ash POWDER COATED



4 DRAWER V.F.C.

All dimensions are in mm

GT&TC BANGALORE

FURNITURE

INSTRUCTOR/OFFICE TABLE

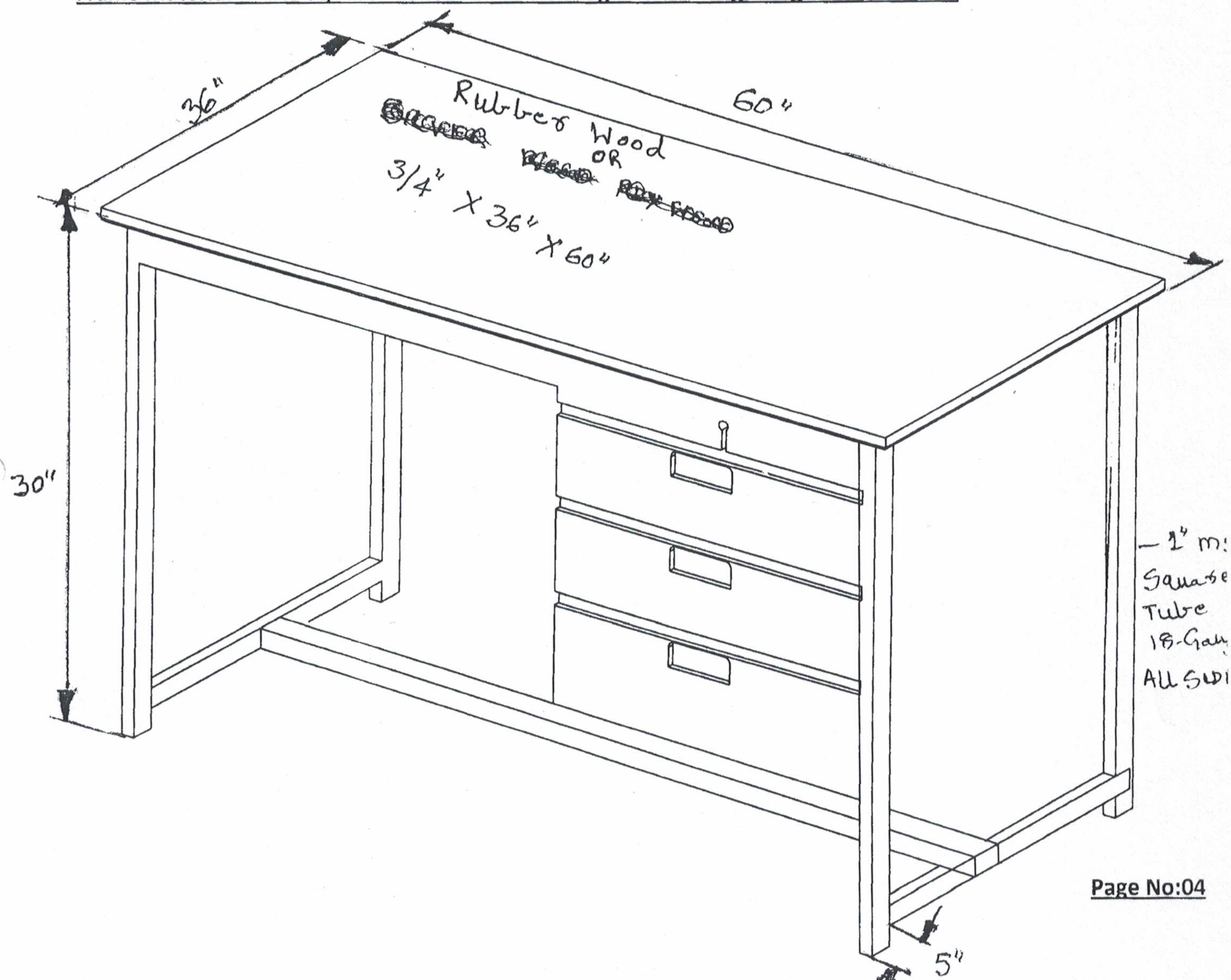
Dimensions

Total Table Size -

Length (L)	60"
Width (W)	36"
Height (H)	30"
3- Steel Drawers with Lock & Key and external Latches for pad lock Size	Standard 14"x17"
-Table Top Rubber Wood ¾" with I mm thick Formica -Beech wood ¾" Half Round Beading-All Round	¾"x36"x60"

Formica Colour: Teak Wood colour Or Reddish Brown

Frame Material - MS Square Hollow 1 " and Gauge-18 with Rigid Leg Plastic Bushes.



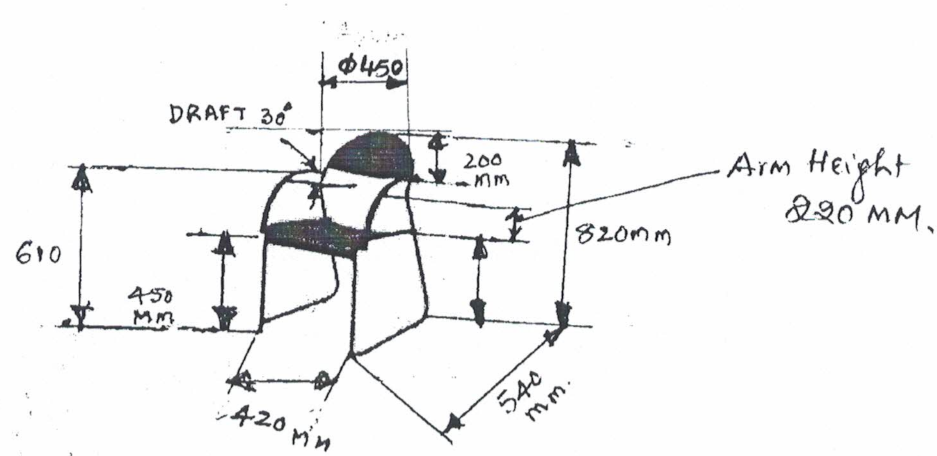
GT&TC BANGALORE

FURNITURE

INSTRUCTOR/OFFICE CHAIR (WITH ARM)

All **Dimensions in** MM

Width	440 MM
Depth	420 MM
Height (H)	820 MM
Seat height	370 MM
Steel Pipe Bend - Frame	Dia 20 MM with 16-Gauge All round
Seating area and back Support Portion - Perforated Mild Steel sheet and Black Powder coated with Plastic Bushes For Rigidity to the legs	16-Gauge
Arm Height Back support Half round	220MM Dia 450MM



GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD-207/2019-20

GT&TC
BANGALORE

FURNITURE

SCIENCE LAB TABLE

Dimensions

Total Table Size - Inches

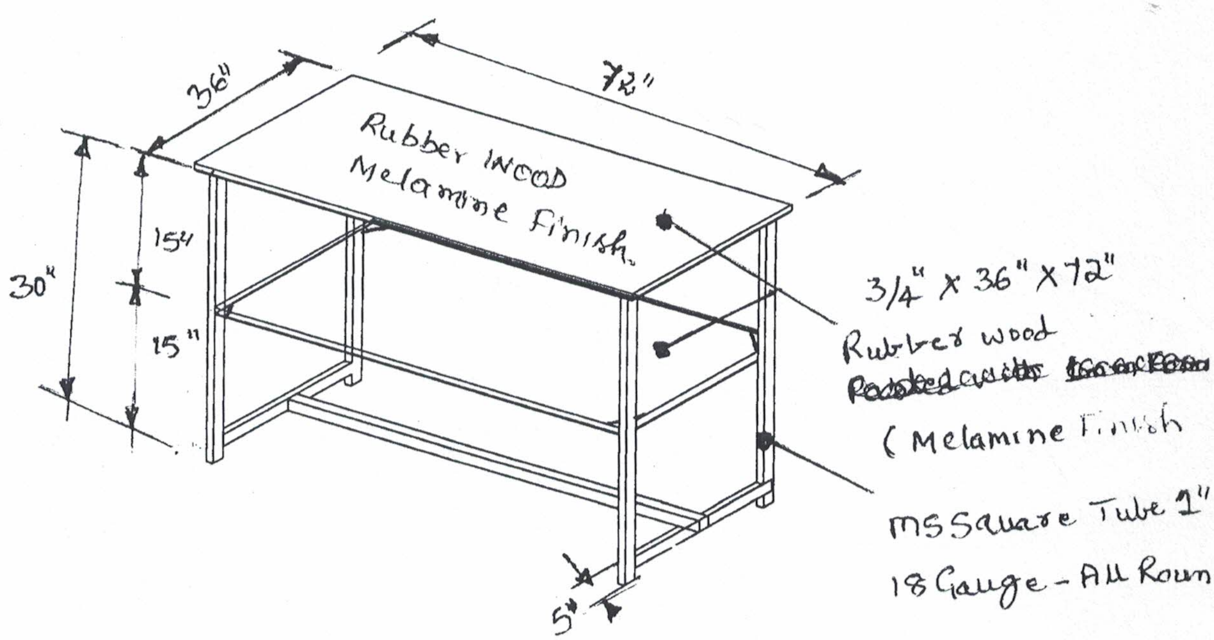
Length (L)	72"
Width (W)	36"
Height (H)	30"

Frame Material - MS Square Tube 1 " and Gauge-18 with Rigid Leg Plastic Bushes.

Wooden Parts Size: Inches

	A	B
Length	72"	72"
Width	36"	36"
Thickness	¾"	¾"

Wood Material for A& B Area : Rubber/ Silver Wood Plywood Sheet ¾" thick and pasted with 1 mm thick Formica Beech wood Beading 1" thick Half round –All Sides



GTTC/MCD/TENDER/FURNITURE+FIXTURE/BD-20/2019-20

Ceramic Classroom Boards	Size: 4' x 8' Ceramic Steel Magnetic Green Chalk Board (UM Grade) With Enamel Steel Surface, Scratch Resistant and have an Indefinite Life Span All-Round Frame provided with Sal wood Frame with teak Polish finishing Board to the Wall Fixing

GTTC/MCD/TENDER/FURNITURE+FIXTURE/SD-207/2019-20

Library Glass Racks
Specification
Stell Book case of size width (W) - 808MM (33"), Height (H) - 1617mm (66"), depth (D) - 294MM (12") with slide Door Common key locking systems and pint finish guage - 1mm (20) glass - thickness 4mm.

c|MCD|TENDER|FURNITURE & FIXTURE|BD-207|2019-20

	Library Reading Table
S	Specification
	Library study table of size width(W)-2352mm (96"), Depth (D)-1176MM (48"), Height (H) -735MM (30") frame made of 1" M.S. 18 guage Square pipe, with powder coated finish top made of 18mm pre-laminated board. Width 2mm edge bedding.

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010
KARNATAKA - INDIA

GENERAL TERMS AND CONDITIONS FOR BIDS

BIDDING PROCEDURES

Section – I

Instructions to Bidders

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various type Furniture and Fixtures

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Sections of Bidding Documents

The Bidding Documents consist of A) Qualification criteria, b) General Conditions, c) Specifications, d) Bidding formats and should be read in conjunction with bid respective document and any Addendum issued.

1. The Invitation for Bids issued by the Purchaser is not part of the Bidding Document

2. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

3.Clarification of Bidding Documents

A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address.

4.Amendment of Bidding Documents

At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

Preparation of Bids

Cost of Bidding	The Bidder shall bear all costs as per the e-procurement rules.
Language of Bid	The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the English.
Bid Submission Form and Price Schedules	The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.
Bid Prices	Bidding price shall be **landing price** (inclusive of all applicable taxes & transporting & any other charges) to GT&TC Centres.
Format and Signing of Bid	The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

Submission and Opening of Bids

Submission of Bids.	Bidders shall submit their bids through e-Procurement All the relevant documents requested should be scanned & uploaded.
Deadline for Submission of Bids	Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. The Purchaser may, at his discretion, extend the deadline for the submission of bids.
Withdrawal, Substitution, and Modification of Bids	Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.
Bid Opening	The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

Evaluation and Comparison of Bids

Confidentiality

Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

Clarification of Bids

To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

Non conformités, Errors, and Omissions

Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail, and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in

which case the amount in figures shall prevail subject to (a) and (b) above.

If the Bidder, who submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified, and its Bid Security may be forfeited.

Preliminary Examination of bids	The Purchaser shall examine the bids to confirm that all documents and technical documentation requested have been provided, and to determine the completeness of each document submitted. If any of the documents required is missing, the offer shall be rejected. The bidders who satisfy the qualification criteria will be given 10-day time to make ready the samples of each item. GTTC Technical team will visit the manufacturers place to check / inspect the items to confirm whether product meets the tender specification. Based on the evaluation report, commercial bid of technically qualified bidder will be opened.
Comparison of Bids	The Purchaser shall compare all substantially responsive bids to determine the overall lowest-evaluated bid.
Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

Award of Contract

Award Criteria	The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the overall lowest evaluated bid & and is substantially responsive to the Bidding Documents.
Purchaser's Right to Vary Quantities at Time of Award	At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified, does not exceed the 25% percentage and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
Signing of Contract	Promptly after receipt of notification, the successful Bidder, within seven (07) days shall sign an agreement with the Purchaser along with a bank guarantee for 5 % of the basic value of contract.

Bidding Formats

FORMAT - 1
Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on _____________ day of ___________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on _____________ day of ___________________, ________ *[insert date of signing]*

Contract Form

Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert* ***number*** *]* day of *[insert:* ***month*** *]*, *[insert:* ***year*** *]*.

ETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), and

(2) *[Insert name of Supplier**]***, a corporation incorporated under the laws of *[insert: country of Supplier**]*** and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)**]*** (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construe as an integral part of the Contract:

   (a) This Contract Agreement

   (b) General Conditions of Contract

   (c) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (d) The Supplier’s Bid and original Price Schedules

   (e) The Purchaser’s Notification of Award

   (f) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS where of the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature with seal]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed: *[insert signature]* in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature with seal of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed: *[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed: *[insert signature]*
In the presence of *[insert identification of official witness no.1]*

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

BID REF.: GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-226/2020-21

UPGRADATION OF MACHINERY, EQUIPMENTS, CUTTING TOOLS & MEASURING INSTRUMENTS TO GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS

BIDDING DOCUMENT

NOVEMBER- 2020

LAST DATE FOR SUBMISSION: 21.12.2020,17.00 HRS.

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

BID REF.: GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-226/2020-21

UPGRADATION OF MACHINERY, EQUIPMENTS, CUTTING TOOLS & MEASURING INSTRUMENTS TO GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl. No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Procurement of CNC WEDM Machine	02 Nos.	10,00,000.00
02	Procurement of CNC 3 AXIS Milling Machine	04 Nos.	
03	Procurement of CMM	01 Nos.	
04	Tool Pre-setter	01 Nos.	
05	Measuring Instruments	Lump sum	
06	Cutting Tools	Lump sum	
07	Accessories	Lump sum	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from **28.11.2020** till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in for registration with the service provider contact help desk phone no: +918023010900/01.

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before **Dt.21.12.2020**, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on **Dt.23.12.2020** after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).

   a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % **(40% with respect to Micro and Small Enterprises)** of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design.

   b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided;

   (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

   (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.

a) All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM.

b) The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced.

c) The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents.

   Hands on training for operation and maintenance of items to be provided by the supplier.

3. GST Registration Certificate & PAN Card copy

4. Income Tax Returns filed for the last three financial years

5. The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years **(50% with respect to Micro and Small Enterprises during previous 2 financial years).**

6. Bidder should upload the Copies of Orders for having supplied the similar machineries training to any Government Departments / Colleges / Institutions in India for a sum of **Rs.5.00 Crore** and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.

7. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

8. Bidder shall quote for all the items. Partial quote is not accepted.

9. The quoted price shall include (Taxes, transportation, unloading & Installation at site and any other charge), Item shall be delivered to GTTC centres as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

10. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 10% of basic order value as performance security

11. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required**.**

12. Payments terms: (i) **Eighty** (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

    (iii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 10% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

NOTE :

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

3. As part of Scope of Work entire works including any civil work like concrete base, partitioning, masonry construction of base or any parts should be taken as responsibility of Bidder.

4. Electrical Panel: Sufficient to handle all the electrical component and 3-4 additional slots for any further requirement
5. Design & drawing, preparation of specification, submission of operation and maintenance manual for Panels.

6. Demonstration for operation of centre for minimum period of 1Month including manpower, Spares and consumables etc and necessary tools shall be from bidder.

7. Supplier should provide Professional Services for minimum of 1Year, Accordingly supplier should quote the price (A dedicated engineer/Operator is preferred)

8. This is a TURNKEY project. Supplier has to do up-gradation of Service Centre, commissioning and erection of Machinery / equipment. Proper training to be provided to GTTC officials / Technicians / Engineers in order to operate these machines / equipment.

9. Wiring required, Maintenance, Complete solution for installation and commissioning of entire project shall be responsibility of Bidder.

10. Bidders are requested to visit the site (GTTC, Bangalore) and understand the nature of work before uploading the tender.

11. The bidder should prove the standard test piece/job on the respective machine before pre-dispatch inspection to ensure the machine capability . The test piece/job proving expenses to be borne by the bidder.

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

Co-Ordinate Measuring Machine[CMM] – Qty.1no.

Description
Specification
Scope:
The offer should cover supply, erection and commissioning of a computer numerically controlled, Universal 3D Coordinate Measuring Machine having Continuous Scanning fixed probe head, complete in all respects & ready for use.
Application:
CMM is used for inspection of Dimensional, Geometrical parameters, Curves of components / parts
<u>Technical Characteristics:</u>
a. Measuring range X axis: 900 mm minimum
Y axis: 1200 mm minimum
Z axis: 600 mm minimum
b. Maximum work piece weight: 1200kg
c. Resolution: 0.1 microns
d. Accuracies
i) Maximum permissible error of Length Measurement as per ISO 10360-2: E0, MPE = 1.6 + L/350 microns or better
ii) Maximum permissible limit of the Repeatability Range as per ISO 10360-2: R0, MPL = 1.4 microns or better
iii) Maximum Permissible Single Stylus form error as per ISO 10360-5: PFTU, MPE =1.8 microns or better
iv) Maximum Permissible Multi Stylus Form Error as per ISO 10360-5: PFTM, MPE= 3.5 Microns or better
v) Maximum Permissible Scanning Probing error as per ISO 10360-4: THP, MPE= 2.5 microns or better, Time T = 40 Sec or less
vi) Form Measurement error (Roundness) as per ISO 12181 RONt = 1.7 microns or better
Note : a) All the accuracies are to be proved at site and at manufacturers end. b) Calibration Certificate with Accreditation body symbol from an Accredited laboratory is to be provided after installation

Accuracy should be guaranteed in the following operating temperature gradients:
a. Temperature : 20 ± 2 deg C.
b. Variation per hour : 1 deg K per hour.
c. Variation per day : 1.5 deg K per day.
Control
a) Manual control with joystick operation
b) Microprocessor based CNC control
Computer system/operating system : Latest Windows based software suitable for data transfer to CAD/CAM, with Multi – user & Networking facility.
Machine Capabilities :
The machine should be capable of complete automatic inspection of precision components. It should be able to perform inspection of all parameters on five faces of a component from start to finish without the operators' intervention in between.
The system should be capable of measurement in point to point as well as in continuous scanning mode with the same probe head .
The machine should be capable of processing the measuring of all geometric parameters including nominal/actual comparison and evaluation of all form and position errors like flatness, straightness, roundness, cylindricity, parallelism etc.
For each individual job the machine should produce a printout detailing all actual dimensions as inspected. Dimensions deviating from the laid out tolerances are to be indicated specifically, with the magnitude of deviations, including tolerance band utilization.
Main Features :
The machine shall be specifically designed and engineered for carrying out high precision measurements of 3 dimensional coordinates in a single set up from all sides and at an angle in flat and box type components.
The machine should have rigid traveling bridge, stationary table type of construction with wrap around Y-guideway to provide high torsional rigidity during bridge movement.
Guideways should be covered with bellows to protect the surface and scales / drive mechanism from contamination.
Air bearings in all axes.
Motorized movement in all axes by joystick and CNC programmed measuring traverse for automatic measurements.
Automatic Temperature measurement and compensation on machine and work piece
Operating Panel:
Portable operating panel with joystick and function keys should be provided for motorized manual movement in all axes.

The panel should have LCD display and a complete key board for calling all the software functions.
Additional knob for speed control during the CNC and joystick mode should be provided. Emergency stop switch should be located at such a position that it is easily accessible in case of emergency.
Measuring system:
High Precision double grating glass or equivalent scale. The Scale should not be rigidly fixed to the guideways for minimizing the influence of deformation due to temperature variation.
Probe head: Fixed type Active/ Passive Scanning Probe Head.
a. Should be capable of fast continuous/uninterrupted scanning measurement with scanning resolution of minimum 0.1mm, with built-in inductive measuring system.
b. Minimum Probe head deflection range 4 mm for collision protection.
c. Scanning speed up to 125 mm/sec.
Should have provision for independent selection of probe axis locking for allowing different probing possibilities.
Should be able to carry probe tips up to 500gms/500mm extensions. The tip extension, adaptors and probe body should be collision protected. Smallest dia. probe that can be used on the machine should be less than or equal to 0.3mm.
Measuring force variable from 0.1 to 1 Newton with direction selection for accurate force generation.
Auto/Manual probe changing:
a. Probe head must have manual/automatic probe change facility enabling the operator to use different probe combinations without recalibration. Supplier to quote for the necessary accessories allowing user to use minimum 5 probe configuration in one CNC Run without re-calibration.
b. Manual magnetic clamping of probe combination with probe change repeatability of position less than 1 micron over 200 mm.
c.Magnetic Auto Probe change magazine with 5 position should be provided for automatic probe change of different pre-calibrated and pre-selected probe configuration/combinations during CNC run for fast and uninterrupted measurements. Change of probe configurations and recalibrations during measurements should be totally eliminated
Built-in protection should be provided in the system against the damages caused by the collision of the entire probing system including probe extensions with the component under inspection.

Probe kit with various extensions upto length 500 mm should be made available and the item wise list to be provided.
Basic Modular Fixturing set is to be provided.
Computer System:
The latest windows based Computer workstation with minimum configuration of RAM, with 23" Colour Flat panel monitor, DVD W/R ROM drive and 1 TB hard disk , LAN connection for connecting the machine to our internal LAN network, keyboard, mouse etc.
High speed Deskjet / Laserjet colour printer / plotter.
Application software:
Universal Geometries Measuring Program for both manual and CNC operation, including component misalignment compensation in plane and space, form and position tolerance calculations, self teach capability, batch component position programming. Each geometric element measurable with up to 30000 probing points for the following measuring functions.
a) Measuring protocol in the form of numerical as well as chromatic co-ordinates. b) CNC program can be generated by clicking the points to be measured on CAD model.
Should able to measure following elements:
• Geometric Elements (Should able to recognize element automatically) • Different Elements linking should be possible. • Form & Position Tolerance measurements • Measurement of conic sections • Alignment facility • Self teaching facility CNC program preparation.
Linking of different elements should be possible. Evaluation of various parameter using standard geometrical elements
• Example Distance, Intersection points etc. • Distance in space and conic sections etc. • Should able to send the results in EXCEL format • Should able to convert the results in PDF format. • Automatic generation of curve data from the 3D CAD model.
Software for measuring Known /Unknown 2D/3D curves .

• Digitizing of unknown 2D Curves & 3D Curves (Reverse Engineering). • Measurement of 2D Curves & 3D Curves against nominal data. • Deviation calculation from nominal & measured curves. • Best fit calculation of measured curves and output of deviations. • Graphical presentation of nominal curves , measured curves & deviations. • Import of Curve data from CAD systems in various formats: VDA , ASCII , & DXF formats • Export of Curve data in VDA and ASCII format .
Standard Accessories
Calibration sphere should be provided for calibration of probe tips.
Damping devices should be made available to protect the machine from low frequency oscillations.
In addition, any other item considered essential for smooth and interruption-free running of the machine should also be quoted separately.
Spares
Mechanical and electrical / electronic spares to cover the requirements of 3000 working hours should be supplied.

CNC MILLING MACHINE, Qty. 4Nos.

Specification	
Traverse	
• X axis stroke	700mm
• Y axis stroke	500mm
• Z axis stroke	500mm
Table	
• Table Working Area	900mm X 500mm
•`T' Slots of Size	5nos X18mmX 100mm
• Maximum Load on Table	700 Kgs.
Distance	
Distance from spindle center to column front distance	540mm approx

Spindle	
• A.C. Spindle Drive	5.5 / 7.5kw
• Variable Spindle Speed	8000 rpm
• Spindle nose taper	BT-40
Feed Drives	
Hardened & ground Ball Lead Screws in all three axes	
Linear Motion Roller guide ways in X, Y and Z axes.	
Feed rate 1-10000 mm/min	
Rapid feed rate (X,Y & Z) 40/40/40 m/min.	
Absolute encoder	
Accuracy - As per ISO 230-2 Standard.	
Positioning	10 micron
Repeatability	7 micron
Automatic Tool Changer	
• No. of Tools	24 Nos.
• Max. Tool dia	75 mm
• With Adjacent pocket empty	140 mm
• Max. Tool Length	250 mm
• Max. Tool Weight	8 Kgs.
CNC FEATURES :	
Controller: Standard Siemens 828D/ FANUC OiMF / Mitsubishi M80 or latest version	
Standard canned cycles	
Dynamic Graphic Display	
Ethernet function	
Memory expansion upto 2MB or higher	
Mobile MPG	
Machine Features	

A.C. Unit for electrical cabinet
Work Probe - Renishaw RMP60 or Eqiv.
Edge finder - BT40
Machine Lamps
1GB OEM make PCMCIA Memory Card
• Automatic lubrication system
Spindle air blast for spindle taper cleaning
MACHINE ACCESSORIES :
• Coolnt system with tank and chip tray
• Air gun
• Instruction manuals
• Tool Kit
Pull stud10 nos
Voltage Stabilizer

CNC WIRE EDM MACHINE, Qty. 2nos.

1	Machining Range	
1.1	X Axis Stroke	600 mm to 650mm
1.2	Y Axis Stroke	400mm to 450mm
1.3	Z Axis Stroke	310mm to 340mm
2	Maximum work piece size	1050 mm X 820 mm X 400 mm
3	Travel U,V	± 100 mm
4	Maximum work piece weight	1000 kg or more
5	Measurement Device	Linear Glass scales (XY) and encoder for (UVZ)
6	Minimum resolution	0.1 Microns
7	Positional accuracy	6 microns
8	Repeatability	4 microns

9	Maximum Taper Angle	±30 degree / 150mm thickness
10	Wire Diameter	0.1 to 0.3mm
11	Best Roughness Ra	<0.25 Ra
12	Power Supply consumption	Specify
13	Recommended Temperature	20±2˙C
14	Minimum Machining Speed	250 Sq mm/min minimum speed for 0.25 mm coated wire, tool steel, 60mm thickness, straight cutting, 60HRC, 1 rough cut
15	Power input	3 Phase 50 Hz
16	Table Size	X Y : (625mm - 700mm) x (440mm - 480mm)
17	Wire treading	Automatic
	Dielectric Tank	
1	Dielectric fluid Tank Capacity	To be specified by the supplier.
2	No. of Filters	To be specified by the supplier.
3	Filteration Method	Replacable paper filter < 5 microns.
4	Deionizer	Ion exchange resin (20 litres).
	CNC Power Supply Unit	
1	Maximum Machining Current	Automatic selection of current ranging from 0Amp to 15Amp. It should cover applications of job sizes ranging from 1mm to 250mm. Predefined optimum cutting parameters with Amps should be stored in the machine
2	Automatic Voltage Regulator	Voltage Regulator Unit should be available
3	NC Unit	Multi-tasking OS
4	Input format	Remote pendant and Key board
5	Display type	15 inches color LCD (touch panel)
6	Number of cordinates	32 or more
7	Simultaneous control axes	Max: 05
8	Minimum drive unit	0.1micron
9	Maximum feed rate	1.5m / min and above.

10	Position detection	Full closed loop.
	Standard Technical Features	
1	**Core Adhesion Function**	
	The core should be adhered by brass welding. It should prevent the machine damage from the dropped core. Adhesion input distance and gap should be easily defined in controller.	
2	**Pre- seal mechanism for high reliability**	
	Pressurised clean water tank should be provided to prevent the sealing plate from sludge that adheres to it. It should prevent the deterioraion of cutting accuracy caused by the increased frictional resistance.	
3	**Following functions should be provided in the controller:**	
	Consumable management function: Monitoring of consumables' lives Maintenance guidance function: Easy to understand the routine maintenance with pictures and figures Part List function: Search for maintenance parts and ordering information	
4	**IOT enabled information management system**	
	User should be able to monitor cutting status in real time High speed transfer of NC program Sending of emails automatically through IOT enabled management system	
5	**Simple adjustment function of EDM technologies to support stable cutting**	
	It should keep gap to realise high precision cutting Simple adjustments by touching buttons Simple adjustment by NC program	
6	The best possible surface requirement Ra Value <0.25 micron mms with a maximum of 4 passes.	
7	Automatic wire alignment.	
8	Centeralized Lubrication System.	
9	Software for Programming	
10	The software shall consist of Gear manufacturing and machining data.	
11	Axes with Anti collision protection system should to be incorporated to prevent machine damages.	
12	3D / 2D gragh check/scale/move function.	
13	Machine spare parts,allied accessories support to be provided for a period of 15 years from the date of installation.	

Wear parts to be supplied with machine and quoted unit wise	
1	List of consumables with life : Bidder to quote for one set each.
Accessories to be supplied with machine.	
1	Basic clamping Accessories
2	Wire Verticality alignment block.
3	Suitable Servo Stabilizer / Ultra Isolation Transformer.
Installation & Commissioning	
1	Foundation kits like vibro mounting pads, bolts etc required for foundation to be supplied along with the machine.
2	Detailed drawing of foundation indicating necessary details to be supplied within 4 weeks of placement of purchase order.
3	Supplier has to install and commissioned the equipment at our site. Necessary Geometrical test should be carried out during commissioning & results have to be checked against acceptance norms.
4	Five number each Spool of wire 0.1, 0.2 & 0.3mm diameter
5	First fill of oil / lubricant / Ion Exchange resin should be supplied.
6	Two bags of Resin
7	Five sets of Filters
Documentation	
1	Operation, Installation, Maintenance and Programming manual with spare part list
2	The test charts for confirming the geometrical & positional accuracies of the machine are to be furnished along with technical bid.

TOOL PRE SETTER, Qty. 1no.

SPECIFICATION	
Measuring Range	
X axis [Dia]	0-400 mm
Z axis	0-400 mm
Spindle Taper	
Standard	BT 40
Spindle Accuracy	0.002mm
Resolution	
X axis	0.001mm (Radius)
Z axis	0.001mm
Projector	100 Dia, 20X Maginification
Tool Clamp	Pneumatic Tool Clamping
Test Mandrel with calibration certificate	
Power	AC 220 V

ACCESSORIES

CT 40 ADAPTOR	25	Nos
BT 40 ADAPTOR	20	Nos
ISO 40 ADAPTOR	20	Nos
HSK-50-EXER16 A =100	5	Nos
HSK -50-EXER25	5	Nos
RD32 DIA 3MM COLLET	15	Nos
RD32 DIA 4MM COLLET	15	Nos

RD32 DIA 6MM COLLET	15	Nos
RD32 DIA 8MM COLLET	15	Nos
RD32 DIA 10MM COLLET	15	Nos
RDO 35 DIA 3MM COLLET	15	Nos
RDO 35 DIA 4MM COLLET	15	Nos
RDO 35 DIA 6MM COLLET	15	Nos
RDO 35 DIA 8MM COLLET	15	Nos
RDO 35 DIA 10MM COLLET	15	Nos
EXER 16, COLLET 1 to 10mm	1	set
DRILL CHUCK [1-13]	15	Nos
DRILL CHUCK [1-2 Shank]	3	Nos
DRILL CHUCK [3-4 Shank]	2	Nos
SCREW TYPE ISO 40 ADAPTOR	2	Nos
BOX COLLET - Dia 16,18,20,22,25& 30 [1 each]	1	set
EDGE FINDER	5	Nos
V BLOCK - STD. SIZE	4	Nos
ANGLE PLATE - 100X100, GRADE 05	5	Nos
HYDRAULIC MACHINE WISE - MINIMUM 300M OPENING	5	Nos
PNEUMATIC TABLE - 400X300	1	No.
Baby collets [collets with different size1 no. each] with Holder	1	set

MEASURING INSTRUMENTS

Digital Vernier 0-200mm	21	Nos
Digital Micrometer 0-25mm	20	Nos
Dia indicator [0.01]	18	Nos
Dial indicator [0.002]	5	Nos
Magnetic Dial Stand	2	Nos
Digital Micrometer 25-50mm	5	Nos
Digital Vernier 0-300mm	2	Nos
Measuring Pins 1 to 10mm in step of 0.01mm	1	set
Slip Guage - Grade - 0 -	1	No.
Millimess upto 10mm	1	No.
Bore Dial Guage [10-18mm]	2	set
Bore Dial Guage [18-35mm]	2	set
Bore Dial Guage [35-60mm]	2	set
Bore Dial Guage [60-130mm]	2	set
H7 Hole Pins upto 10mm	1	box
Dept Micrometer - 0-100mm least count 0.01mm	1	No
Ordinary Micrometer - 0-25mm	3	Nos
Ordinary Micrometer - 25 - 50mm	2	Nos
Spring Type Magnetc Dial Stand	3	Nos

CUTTING TOOLS

SOLID CARBDIE END MILL STD. LENGTH - DIA 2MM	25	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 3MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 4MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 5MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 6MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 8MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 10MM	30	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 12MM	25	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 16MM	10	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 18MM	10	Nos
SOLID CARBDIE END MILL STD. LENGTH - DIA 25MM	5	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 3MM	30	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 4MM	30	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 5MM	30	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 6MM	30	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 8MM	30	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 10MM	20	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 12MM	10	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 16MM	5	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 18MM	5	Nos
SOLID CARBDIE END MILL LONG SERIES - DIA 25MM	2	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 3MM	20	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 4MM	20	Nos

SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 5MM	20	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 6MM	20	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 8MM	20	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 10MM	15	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 12MM	15	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 16MM	2	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 18MM	2	Nos
SOLID CARBDIE END MILL EXTR LONG SERIES - DIA 20MM	2	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 2MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 3MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 5MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 6MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 8MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 10MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 12MM	10	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 16MM	3	Nos
SOLID CARBDIE BALL NOSE END MILL STD. LENGTH - DIA 20MM	2	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 3MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 4MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 5MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 6MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 8MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 10MM	10	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 12MM	10	Nos

SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 16MM	3	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 18MM	3	Nos
SOLID CARBDIE BALL NOSE LONG SERIES END MILL - DIA 20MM	2	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 3MM	10	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 4MM	10	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 6MM	10	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 8MM	10	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 10MM	5	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 12MM	5	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 16MM	3	Nos
SOLID CARBDIE BALL NOSE EXTRA LONG SERIES END MILL - DIA 20MM	2	Nos

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs. 10,000.00 to be paid through any one of the means as mentioned below.

Method of EMD payment:-

A. Rs.50,000/- by cash, through any of the method as mentioned below

(a) Credit Card.
(b) Debit Card.
(c) National Electronic Fund Transfer (NEFT).
(d) Over the Counter (OTC) (Axis Bank).

Further remaining Rs. 9,50,000.00 in the form of a Bank Guarantee form any scheduled bank.

Or

B. EMD full amount may also be paid by any one of the mean as mentioned above.

- In addition to the EMD, the bidder shall pay a tender processing fee as per -procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering.
  Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- **Pre-bid Meeting on : scheduled on 11.12.2020 at 11.00AM , at GT&TC - Rajajinagar Industrial Estate, Bangalore -10**
- **Last date of submission**: **21.12.2020 up to 17.00 Hrs**
- **Opening of Technical Bids: 23.12.2020 at 15.00Hrs. (Electronically).**

General

The Purchaser is: Govt. Tool Room & Training Centre

The name and identification number:
BID REF.: GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-226/2020-21,

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.

The Purchaser's address is:
Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
The deadline for the submission of bids is
Date**: 21.12.2020**
Time: Up to **17.00 Hrs**

The technical bid opening shall take place electronically on:
Date: 23.12.2020
Time: 15.00 Hrs.

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE –, across Karnataka
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms:. **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%
	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010

KARNATAKA - INDIA

GENARAL TERMS AND CONDITIONS FOR BIDS

Bidding Document

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)
Information to help Bidders to prepare their bids. Information about the submission, opening, and evaluation of bids and on the award of Contracts.

Section II. Evaluation and Qualification Criteria
Specifies the criteria to be used to determine the lowest evaluated bid, and the Bidder's qualification requirements to perform the contract.

Section III. Bidding Forms
Contains the forms for the Bid Submission, Price Schedules and the Manufacturer's Authorization to be uploaded / submitted with the Bid.

Section IV. Eligible Countries
This Section contains information regarding eligible countries.

PART 2 – CONTRACT

Section V. General Conditions of Contract (GCC)
The section includes general clauses applicable to the contract.

Section VI. Contract Forms
Form for the Agreement, which, once completed, incorporates corrections or modifications to the accepted bid that are permitted under the Instructions to Bidders, the General Conditions of Contract, and the Special Conditions of Contract. The forms for Performance Security to be completed by the successful Bidder after contract award

PART 1

BIDDING PROCEDURES

Section – I
Instructions to Bidders

A General

1. Scope of Bid

1.1 Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of various materials / items as mentioned in the relevant Bidding Document. The name, identification, and number of lots are provided in the Bidding Data Sheet (BDS).

1.2 Throughout these Bidding Documents:

(a) The term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(b) If the context so requires, "singular" means "plural" and vice versa; and

(c) "Day" means calendar day.

(d) The terms "Bid" & "Tender" means same.

2. Fraud and Corruption

2.1 It is required to observe the highest standard of ethics during the execution of such contracts. In pursuit of this policy, purchaser:

(a) defines for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels; and

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question

- will cancel the contract if it determines at any time that representatives of bidder engaged in corrupt, fraudulent, collusive or coercive practices during procurement or execution of contract.
- will sanction the bidder, including declaring them ineligible,

indefinitely.

3. Eligible Bidders

3.1 A Bidder, and all parties constituting the Bidder, may have the nationality of any country. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:

(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or

(b) submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 13.

3.3 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4. Eligible Goods and Related Services

4.1 All the Goods and Related Services to be supplied under the Contract may have their origin in any country.

4.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.

4.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Documents

5. Sections of Bidding Documents

5.1 The Bidding Documents consist of Parts 1 & 2, which include all the Sections indicated below, and should be read in conjunction with bid respective document and any Addendum issued.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Evaluation and Qualification Criteria

- Section III. Bidding Formats
- Section IV. Eligible Countries

PART 2 Contract

- Section V. General Conditions of Contract (GCC)
- Section VII. Special Conditions of Contract (SCC)
- Section VIII. Contract Formats

5.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

5.3 The Purchaser is not responsible for the completeness of the Bidding Documents and their addendum, if they were not obtained directly from the Purchaser.

5.4The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received not later than four (4) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have acquired the Bidding Documents directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clauses 8 & 24.

7 Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.

7.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Purchaser.

7.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8 Cost of Bidding

8.1 The Bidder shall bear all costs as per the e-procurement rules.

9 Language of Bid

9.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are

part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.

10 Documents Comprising the Bid

10.1 The Bid shall comprise the following:

(a) Bid Submission Form and the applicable Price Schedules in accordance to ITB Clauses 12, 14, and 15;

(b) Bid Security in accordance to ITB Clauses 21;

(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 22;

(d) Documentary evidence in accordance with ITB Clause 16 establishing the Bidder's eligibility to bid;

(e) Documentary evidence in accordance with ITB Clause 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

(f) Documentary evidence in accordance with ITB Clause 18 and 30, that the Goods and Related Services conform to the Bidding Documents;

(g) Documentary evidence in accordance with ITB Clause 19 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and any other document required in the BDS

11 Bid Submission Form and Price Schedules

11.1 The Bidder shall submit the Bid using the form furnished, through electronic mail. This form must be completed without any alterations to its format.

11.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the Price Schedule Forms.

12 Alternative Bids

12.1 Unless otherwise specified in the BDS, alternative bids shall not be considered.

13 Bid Prices and Discounts

13.1 The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules shall conform to the requirements specified below.

13.2 All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the corresponding adjustment, as appropriate, shall be applied in accordance with ITB Clause 31.

13.3 The price to be quoted in the Bid Submission Form shall be the total price of the bid, excluding any discounts offered.

13.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Bid Submission Form.

13.5 The terms EXW, CIP, CPT, and other similar terms shall be governed

by the rules prescribed in the Incoterms-2000, published by The International Chamber of Commerce, as specified in the **BDS**.

13.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:

13 Bid Prices and Discounts (Contd.)

(a) For Goods manufactured in the Purchaser's Country:

(i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

(ii) any purchaser's country sales tax and other taxes which will be payable on the Goods if the contract is awarded to Bidder; and

(iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination as stipulated in the Bid Document.

(iv) For Goods manufactured outside the Purchaser's Country, to be imported:

(i) the price of the Goods, quoted CPT named place of destination by the Purchaser. Transit Insurance to be covered by the purchaser.

(ii) the price for inland transportation, insurance, and other local services required to convey the goods from the named place of destination to their final destination.

(b) For Goods manufactured outside the Purchaser's Country, already imported:

(i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.

(ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

(iii) the price of the Goods, obtained as the difference between (i) and (ii) above;

(iv) any sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and

(v) The price for inland transportation, insurance, and

	other local services required to convey the Goods from the named place of destination to their final destination as specified.
	(d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
13 Bid Prices and Discounts (Contd.)	(i) The price of each item comprising the Related Services (inclusive of any applicable taxes).
	13.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected.
14 Currencies of Bid	14.1 The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country
	14.2 The Bidder may express the bid price in the currency of any eligible country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three currencies in addition to the currency of the Purchaser's Country.
15 Documents Establishing the Eligibility of the Bidder	15.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
16 Documents Establishing the Eligibility of the Goods and Related Services	16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
17 Documents Establishing the Conformity of the Goods and Related Services	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section, Schedule of Requirements. 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements. 17.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Purchaser.

17 Documents Establishing the Conformity of the Goods and Related Services (Contd.)	17.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Schedule of Requirements.
18 Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction: (a) that, if required in the BDS, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country; (b) that, if required in the BDS, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and /or Technical Specification; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria.
19 Period of Validity of Bids	19.1 Bids shall remain valid for the period of ***90*** days after the bid submission deadline date prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non responsive. 19.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security in the Split EMD form is requested in accordance with ITB Clause, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided below; 19.3 In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

20 Bid Security	20.1 The Bidder shall furnish as part of its bid, a Bid Security. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in the currency of the Purchaser's Country or a freely convertible currency, which shall be paid through any of the following modes up to Rs.50,000/-. a) Credit Card. b) Debit Card. c) National Electronic Fund Transfer (NEFT) d) Over the Counter (OTC) (Axis Bank) 20.3 Bid Security amount in excess of Rs.50,000/- shall be made in the form of bank guarantee. 20.4 Any bid not accompanied by a substantially responsive Bid Security, shall be rejected by the Purchaser as non-responsive. 20.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security. 20.6 The Bid Security may be forfeited: (a) if a Bidder withdraws his bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 20.2; or (b) If the successful Bidder fails to: (i) Sign the contract in accordance with ITB Clause 43; (ii) Furnish a Performance Security in accordance with ITB Clause 44. 20.7 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned.
23 Format and Signing of Bid	23.1 The Bidder shall prepare the documents comprising the bid and upload the same in the prescribed format and shall be signed digitally by a person duly authorized to sign on behalf of the Bidder.

D. Submission and Opening of Bids

24 Submission of Bids.	24.1 Bidders shall submit their bids through e-Procurement 24.2 All the relevant documents requested should be scanned & uploaded along with the technical bid.
25 Deadline for Submission of Bids	25.1 Bids shall be received electronically and closes exactly at the time mentioned and late bids will not be accepted by the system. 25.2 The Purchaser may, at his discretion, extend the deadline for the submission of bids by amending the Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
26 Withdrawal, Substitution, and Modification of Bids	26.1 Once uploaded electronically, Bidder has no option for substitution or modification or to withdraw the bid till the last date and time for receipt of tender.

27 Bid Opening

27.1 The Purchaser shall conduct the bid opening electronically and prepare the comparative statement.

E. Evaluation and Comparison of Bids

28 Confidentiality

28.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

28.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

28.3 From the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

29 Clarification of Bids

29.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids.

30 Responsiveness of Bids

30.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.

30.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

(a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

(b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or

(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

30.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

31 Nonconformities, Errors, and

31.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

Omissions

31.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

31.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

(b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security may be forfeited or its Bid-Securing Declaration executed.

32 Preliminary Examination of Bids

32.1The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

32.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.

(a) Bid Submission Form.
(b) Price Schedules,
(c) Bid Security.

33 Examination of Terms and Conditions; Technical Evaluation

33.1The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.

33.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with bid specification to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.

33.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive, it shall reject the Bid.

34 Conversion to Single Currency	34.1 For evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in amounts in various currencies into an amount in a single currency**,** using the selling exchange rates established by the source and **on the date of financial bid opening**
35 Domestic Preference	35.1 Domestic preference shall not be a factor in bid evaluation.
36 Evaluation of Bids	36.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive. 36.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in the ITB Clause 35.1 No other criteria or methodology shall be permitted. 36.3 To evaluate a Bid, the Purchaser shall consider the following: (a) The Bid Price as quoted; (b) Price adjustment for correction of arithmetic errors; (c) Price adjustment due to discounts offered; (d) adjustments, if any due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section II, Evaluation and Qualification Criteria; 36.4 The Purchaser's evaluation of a bid will exclude and not take into account: (a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder; (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder; (c) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid. 36.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 13. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section II, Evaluation and Qualification Criteria.
37 Comparison of Bids	37.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35
38 Post qualification of the Bidder	38.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily. 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the

Bidder.

38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.

39 Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.

F. Award of Contract

40 Award Criteria

40.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

41 Purchaser's Right to Vary Quantities at Time of Award

41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in the Schedule of Requirements, provided this does not exceed the percentages specified in the BDS, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

43Notification of Award

43.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.

43.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

43.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

44 Signing of Contract

44.1 Promptly after receipt of notification, the successful Bidder, within fifteen (15) days shall sign an agreement with the Purchaser as per the Special Conditions of Contract.

45Performance Security

45.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security in the prescribed Form, or another Form acceptable to the Purchaser.

45.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	**A. General**
ITB 1.1	The Purchaser is: **Govt. Tool Room & Training Centre**

	B. Contents of Bidding Documents
ITB 2.1	Purchaser's address is: **Govt. Tool Room & Training Centre** Attention: Managing Director Address: Rajajinagar Industrial Estate City: Bangalore Pin Code: 560 010 Country: India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address: gttcb@dataone.in Website: http//www.karunadu.gov.in/gttc

	C. Preparation of Bids
ITB 3.1	The language of the bid is: English
ITB 3.2	The Bidder shall submit the following additional documents in its bid: As mentioned in Section II, Evaluation and Qualification Criteria - Post Qualification Requirements
ITB 3.3	Alternative bids shall not be considered
ITB 3.4	The prices quoted by the bidder shall be adjustable as per methodology specified in Section II Evaluation and qualification criteria.
ITB 3.5	The Bidder is required to quote in Indian Rupees the portion of the bid price that corresponds to expenditures incurred in India.

ITB 3.6	Manufacturer's authorization is: REQUIRED
ITB 3.7	After sales service is: REQUIRED
ITB 3.8	The bid validity period shall be 90 days from the day of opening of technical bid.
ITB 3.9	Bid shall include a Bid Security as mentioned in Bid Specification

	D. Submission and Opening of Bids
ITB 4.1	Bidders shall submit their bids electronically in two stages (Technical bid & Commercial Bid) through https://eproc.karnataka.gov.in
ITB 4.2	A set of Technical Bid hard copy along with other documents like catalogue, certificates, authorisation letter (If any), original bank guarantee (where ever applicable), clientele list, etc., has to be submitted within 2 working days after opening date of the technical bid. along with other relevant documents.

	E. Evaluation and Comparison of Bids
ITB 5.1	Bid prices expressed in different currencies shall be converted into Indian Rupees for comparison, based on: The source of exchange rate shall be: Rates declared by RBI The date for the exchange rate shall be as of financial bid opening day.
ITB 5.2	Domestic preference shall not be a bid evaluation factor.
ITB 5.3	The adjustments in price bid shall be determined using the following criterion set out in section II, Evaluation and Qualification criteria. (a) The cost of installation & training the man power of the purchaser in handling the equipments as submitted by bidder in the form " Price and Completion Schedule – Related Services" shall be added to the bid price during evaluation of bids.

	F. Award of Contract
ITB 6.1	The maximum percentage by which quantities may be increased is: *25%* The maximum percentage by which quantities may be decreased is: *25%*

Section - II
Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria

The Purchaser's evaluation of a bid will be by taking into account the technical suitability of the offer, which shall be opened electronically first and on acceptance of the technical bid the price bid shall be electronically opened at a later date. Bidders can view the status, on acceptance of the technical bids & after price bids are opened.

The adjustments in price bid shall be determined using the following criterion

(a) The cost of installation & training the man power of the purchaser in handling and operating the equipments as mentioned in the form " Price and Completion Schedule – Related Services" in Section III shall be added to the bid price during evaluation of bids.

2. Post qualification Requirements (ITB 38)

After determining the lowest-evaluated bid in accordance with ITB Clause 37, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 38, using only the requirements specified. Requirements included in the text below shall be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

(i) Turn over for preceding three years supported by the Income Tax clearance certificate.

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

(i) Submit list of reputed clients (Government undertakings, PSU's etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below:

Conventional machines – 10 years
CNC Machines / Equipments / other items – 5 years

(ii) Copy of ISO or Equivalent Certifications of the Manufacturer.

(iii) Manufacturer / Authorized dealer shall have their training centre & Service centre at Bangalore.

Section – III

Bidding Formats

FORMAT - 1

Bid Submission Form

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:
Bid Ref. No.:
Page____ of ____

To: Govt Tool Room & Training Centre
Rajajinagar Industrial Estate,
Bangalore 560 010

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[Insert the number and issuing date of each Addenda]*

(b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *(insert a brief description of the goods and related services)*

(c) We agree to provide the necessary training for at least Three (3) persons at the purchasers' place of choice for a period not less then Two (2) days after installation.

(d) The discounts offered and the methodology for their application are:

Discounts-If our bid is accepted, the following discounts shall apply. *[Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]*

Methodology of Application of the Discounts- The discounts shall be applied using the following method: *[Specify in detail the method that shall be used to apply the Discounts];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 25.1,and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 45 and GCC Clause 17 for the due performance of the Contract;

(g) We, including any subcontractors or suppliers for any part of the contract, have nationality from eligible countries *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder, if the Bidder is a JV, and the nationality each subcontractor and supplier]*

(h) We have no conflict of interest.

(i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

(j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of the Bidder]*

Dated on ____________ day of __________________, _______

FORMAT - 2

Bid-Securing Declaration

(Should be provided along with the Technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated]

Date:
Bid No.:

To:
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

2. We accept that we will automatically be suspended from being eligible for bidding in any contract with GTTC Bangalore, for the period of 3 years, if we are in breach of our obligation(s) under the bid conditions, because we:

(a) Have withdrawn our Bid during the period of bid validity specified by us in the Bidding Data Sheet; or

(b) Having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security.

3. We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

4. We understand that if we are a Joint Venture, the Bid Securing Declaration must be in the name of the Joint Venture that submits the bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed: *[insert signature of person whose name and capacity are shown]*
In the capacity of: *[insert legal capacity of person signing the Bid Securing Declaration]*
Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of:*[Insert complete name of the bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

FORMAT - 3

Manufacturer's Authorization

(Should be provided along with the Technical bid)

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:
Bid No.:

To
Managing Director
Govt.Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore-560010

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at [insert full address of Manufacturer's factories], do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on ____________ day of __________________, _______ *[insert date of signing]*

Section – IV

Eligible Countries

1. All countries to be considered as eligible countries except those barred by Govt. of India from entering into any purchase agreement.

PART 2

Contract

Section - V

General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

(a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.

(b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.

(c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.

(d) "Day" means calendar day.

(e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.

(f) "GCC" mean the General Conditions of Contract.

(g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.

(h) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).

(i) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.

(j) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.

(k) "SCC" means the Special Conditions of Contract.

(l) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

(m) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform

the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.

(n) "The Project Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

3.1 It requires that the Bidders, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the purchaser:

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

(iii) "Collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Purchaser, designed to establish bid prices at artificial, non competitive levels; and;

(iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;

(b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a contract; and

(c) will have the right to require that Suppliers to permit the Purchaser to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Purchaser.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms 2000.

(b) The terms EXW, CPT, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the Inco terms 2000.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Non waiver

(a) Subject to GCC Sub-Clause below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified**,** in which case, for purposes

of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no

arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Scope of Supply

11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

12. Delivery and Documents

12.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

13. Supplier's Responsibilities

13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.

14. Contract Price

14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.

15. Terms of Payment

15.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.

15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.

15.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

15.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.

16.1 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

16. Taxes and Duties

16.2 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

16.3 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

16.4 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

17. Performance Security

17.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.

17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

17.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the

SCC, or in another format acceptable to the Purchaser.

17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

18. Copyright

18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

19. Confidential Information

19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause.

19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

19.3 The obligation of a party under GCC Sub-Clauses, however, shall not apply to information that:

(a) Now or hereafter enters the public domain through no fault of that party;

(b) Can be proven to have been possessed by that party at the time of disclosure and which was not previously

obtained, directly or indirectly, from the other party; or

(c) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

19.4 The above provisions of GCC Clause shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

19.5 The provisions of GCC Clause shall survive completion or termination, for whatever reason, of the Contract.

20. Subcontracting

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

20.2 Subcontracts shall comply with the provisions of GCC Clauses 3 & 7.

21. Specifications and Standards

21.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause.

22. Packing and Documents

22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where

appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

23. Insurance

23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the SCC.

24. Transportation

24.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms 2000.

25. Inspections and Tests

25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.

25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4.

25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages

26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause.

27. Warranty

27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

27.2 Subject to GCC Sub-Clause 21.1 (b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any

portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

28. Patent Indemnity

28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment

provisions where applicable, in accordance with GCC Clause.

31. Force Majeure

31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

32. Change Orders and Contract Amendments

32.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipment or packing;

(c) The place of delivery; and

(d) The Related Services to be provided by the Supplier.

32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written

amendment signed by the parties.

33. Extensions of Time

33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33;

(ii) If the Supplier fails to perform any other obligation under the Contract; or

(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1 (a) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes

bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Section – VI

Contract Forms

1. Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

(1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called "the Purchaser"), and

(2) *[Insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency (ies)]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

   (a) This Contract Agreement

   (b) Special Conditions of Contract

   (c) General Conditions of Contract

   (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

   (e) The Supplier's Bid and original Price Schedules

   (f) The Purchaser's Notification of Award

   (g) *[Add here any other document(s)]*

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no1.]*

Signed:*[insert signature]*
in the presence of *[insert identification of official witness no2.]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
In the capacity of *[insert title or other appropriate designation]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

Signed:*[insert signature]*
In the presence of *[insert identification of official witness no.1]*

2. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid Submission]*
Bid No. and title*: [insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Purchaser]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[Insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s*[1]*) in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

---

[1] *The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

5.4 Throughout these Bidding Documents:

(d) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax) with proof of receipt;

(e) If the context so requires, “singular” means “plural” and vice versa; and

(f) “Day” means calendar day.

(g) The terms “Bid” & “Tender” means same

GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-226/2020-21

CCO-ORDINATE MEASURING MACHINE [CMM], QTY. 01 NO.

(Should be uploaded along with the Technical bid)

Bidder Name:				
Make / Model offered:			**Delivery Required:**	**90 Days**
Quantity offered:			**Delivery Offered:**	
			Acceptance of required Specification	**If 'Not Accepted' alternate specification**
		CO-ORDINATE MEASURING MACHINE [CMM]		
Sl. No.		**Description**		
		Specification		
1		**Scope:**		
		The offer should cover supply, erection and commissioning of a computer numerically controlled, Universal 3D Coordinate Measuring Machine having Continuous Scanning fixed probe head, complete in all respects & ready for use		
2		**Application:**	ACCEPTED	
		CMM is used for inspection of Dimensional, Geometrical parameters, Curves of componets / parts		
3		**Technical Characteristics:**	ACCEPTED	
		a. Measuring range X axis: 900 mm minimum		
		Y axis: 1200 mm minimum		
		Z axis: 600 mm minimum		
		b. Maximum work piece weight: 1200kg		
		c. Resolution: 0.1 microns		
		d. Accuracies	ACCEPTED	
		i) Maximum permissible error of Length Measurement as per ISO 10360-2: E0, MPE = 1.6 + L/350 microns or better		

		ii) Maximum permissible limit of the Repeatabilty Range as per ISO 10360-2: R0, MPL = 1.4 microns or better		
		iii) Maximum Permissible Single Stylus form error as per ISO 10360-5: PFTU, MPE =1.8 microns or better		
		iv) Maximum Permissible Multi Stylus Form Error as per ISO 10360-5: PFTM, MPE= 3.5 Microns or better		
		v) Maximum Permissible Scanning Probing error as per ISO 10360-4: THP, MPE= 2.5 microns or better, Time T = 40 Sec or less		
		vi) Form Measurement error (Roundness) as per ISO 12181 RONt = 1.7 microns or better		
		Note :		
		Accuracy should be guaranteed in the following operating		
		a. Temperature : 20 ± 2 deg C.		
		b. Variation per hour : 1 deg K per hour.		
		c. Variation per day : 1.5 deg K per day.		
4		**Control**		
		a) Manual control with joystick operation		
		b) Microprocessor based CNC control		
5		**Computer system/operating system : Latest Windows based**	ACCEPTED	
6		Machine Capabilities :	ACCEPTED	
		The machine should be capable of complete automatic inspection of precision components. It should be able to perform inspection of all parameters on five faces of a component from start to finish without the operators' intervention in between.		
		The system should be capable of measurement in point to point as well as in continuous scanning mode with the same probe head .		
		The machine should be capable of processing the measuring of all geometric parameters including nominal/actual comparison and evaluation of all form and position errors like flatness, straightness, roundness, cylindricity, parallelism etc.		

		For each individual job the machine should produce a printout detailing all actual dimensions as inspected. Dimensions deviating from the laid out tolerances are to be indicated specifically, with the magnitude of deviations, including tolerance band utilization.		
7		**Main Features :**	ACCEPTED	
		The machine shall be specifically designed and engineered for carrying out high precision measurements of 3 dimensional coordinates in a single set up from all sides and at an angle in flat and box type components.		
		The machine should have rigid traveling bridge, stationary table type of construction with wrap around Y-guideway to provide high torsional rigidity during bridge movement.		
		Guideways should be covered with bellows to protect the surface and scales / drive mechanism from contamination.		
		Air bearings in all axes.		
		Motorized movement in all axes by joystick and CNC programmed measuring traverse for automatic measurements.		
		Automatic Temperature measurement and compensation on machine and work piece		
8		Operating Panel:	ACCEPTED	
		Portable operating panel with joystick and function keys should be provided for motorized manual movement in all axes.		
		The panel should have LCD display and a complete key board for calling all the software functions.		
		Additional knob for speed control during the CNC and joystick mode should be provided. Emergency stop switch should be located at such a position that it is easily accessible in case of emergency.		
9		**Measuring system:**	ACCEPTED	

		High Precision double grating glass or equivalent scale. The Scale should not be rigidly fixed to the guideways for minimizing the influence of deformation due to temperature variation.		
10		**Probe head: Fixed type Active/ Passive Scanning Probe Head.**	ACCEPTED	
		a. Should be capable of fast continuous/uninterrupted scanning measurement with scanning resolution of minimum 0.1mm with built-in inductive measuring system.		
		b. Minimum Probe head deflection range + mm for collision protection.		
		c. Scanning speed up to 125 mm/sec.		
		Should have provision for independent selection of probe axis locking for allowing different probing possibilities.		
		Should be able to carry probe tips up to 500gms/500mm extensions. The tip extension, adaptors and probe body should be collision protected. Smallest dia. probe that can be used on the machine should be less than or equal to 0.3mm.		
		Measuring force variable from 0.1 to 1 Newton with direction selection for accurate force generation.		
9		**Auto/Manual probe changing:**	ACCEPTED	
		a. Probe head must have manual/automatic probe change facility enabling the operator to use different probe combinations without recalibration. Supplier to quote for the necessary accessories allowing user to use minimum 5 probe configuration in one CNC Run without re-calibration.		
		b. Manual magnetic clamping of probe combination with probe change repeatability of position less than 1 micron over 200 mm.		

		c.Magnetic Auto Probe change magazine with 5 position should be provided for automatic probe change of different pre-calibrated and pre-selected probe configuration/combinations during CNC run for fast and uninterrupted measurements. Change of probe configurations and recalibrations during measurements should be totally eliminated		
		Built-in protection should be provided in the system against the damages caused by the collision of the entire probing system including probe extensions with the component under inspection.		
		Probe kit with various extensions upto length 500 mm should be made available and the item wise list to be provided.		
		Basic Modular Fixturing set is to be provided.		
11		**Computer System:**	ACCEPTED	
		The latest windows based Computer workstation with minimum configuration of RAM, with 23" Colour Flat panel monitor, DVD W/R ROM drive and 1 TB hard disk , LAN connection for connecting the machine to our internal LAN network, keyboard, mouse etc.		
		High speed Deskjet / Laserjet colour printer / plotter.		
12		**Application software:**	ACCEPTED	
		Universal Geometries Measuring Program for both manual and CNC operation, including component misalignment compensation in plane and space, form and position tolerance calculations, self teach capability, batch component position programming. Each geometric element measurable with up to 30000 probing points for the following measuring functions.		

		a) Measuring protocol in the form of numerical as well as chromatic co-ordinates. b) CNC program can be generated by clicking the points to be measured on CAD model.		
13		Should able to measure following elements:	ACCEPTED	
		• Geometric Elements (Should able to recognize element automatically) • Different Elements linking should be possible. • Form & Position Tolerance measurements • Measurement of conic sections • Alignment facility • Self teaching facility CNC program preparation.		
		Linking of different elements should be possible. Evaluation of various parameter using standard geometrical elements		
		• Example Distance, Intersection points etc. • Distance in space and conic sections etc. • Should able to send the results in EXCEL format • Should able to convert the results in PDF format. • Automatic generation of curve data from the 3D CAD model.		
14		**Software for measuring Known /Unknown 2D/3D curves .**	ACCEPTED	
		• Digitizing of unknown 2D Curves & 3D Curves (Reverse Engineering). • Measurement of 2D Curves & 3D Curves against nominal data. • Deviation calculation from nominal & measured curves. • Best fit calculation of measured curves and output of deviations. • Graphical presentation of nominal curves , measured curves & deviations. • Import of Curve data from CAD systems in various formats: VDA , ASCII , & DXF formats • Export of Curve data in VDA and ASCII format .		

14		**Standard Accessories**	ACCEPTED	
		Calibration sphere should be provided for calibration of probe tips.		
		Damping devices should be made available to protect the machine from low frequency oscillations.		
		In addition, any other item considered essential for smooth and interruption-free running of the machine should also be quoted separately.		
15		**Spares**	ACCEPTED	
		Mechanical and electrical / electronic spares to cover the requirements of 3000 working hours should be supplied.		

Confirmation for acceptance of Tender terms & conditions as per the ITB, GCC, & SCC with reference to the tender documents.

2018 - 19

Annexure-A

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED
TUMKUR ROAD,
YESHWANTHPUR P.O.,
BANGALORE - 560 022.

P.O. No. :	B19BD19001
Date :	13-09-19
Your Qtn. No. :	BD190
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page..: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE Vertical Milling Machine with With DRO. Make:VF-2 Terms & Conditions" 1]GST as applicable 2]Technical specification as per annexure-I 3]Delivery schedule: 90 days the date of issue of P.O 4]Unloading and positioning by the supplier 5]2-3 days free training to instructors of the centre at the time of installation. Payment Terms: a]80% of invoice value upon dleivery of items	2.00	No.	1,120,000.00	2,240,000.00
	To be transferred to pag 2			2,240,000.00	
	Other Ch: 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES	PACKING & FORWARDING :
DELIVERY	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
2. Kindly quote the P.O. No. & Date clearly in all correspondences

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED TUMKUR ROAD, YESHWANTHPUR P.O., BANGALORE - 560 022.	P.O. No. :	B19BD19001
	Date :	13-09-19
	Your Qtn. No. :	BD190
	Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				2,240,000.00
	purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the comeptent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning.				
	All other terms & conditions as per tender.				
				Net Amount.:	2,240,000.00
				Grand	2,240,000.00
					0.00
	Other Ch: 0.00				
				TOTAL :	

P.R. Nos. :	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences

for GOVT. TOOL ROOM & TRAINING CENTRE

G.T.&T.C BANGALORE
GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED
TUMKUR ROAD,
YESHWANTHPUR P.O.,
BANGALORE - 560 022.

P.O. No. :	B19BD19101
Date :	13-09-19
Your Qtn. No. :	BD191
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page.. 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE Vertical Milling Machine without DRO, Model:VF2 Terms & Conditions" 1]GST as applicable 2]Technical specification as per Annexure-I 3]Delivery schedule: 90 days the date of issue P.O 4]Unloading and positioning by the supplier 5]2-3 days training to concerned instructors of the centre at the time of installation. Payment Terms: a]80% of invoice value upon dleivery of items	4.00	No.	1,020,000.00	4,080,000.00
	To be transferred to pag 2			4,080,000.00	
	Other Ch: 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 5

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING C

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Dir. Phone : 23157169
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED
TUMKUR ROAD,
YESHWANTHPUR P.O.,
BANGALORE - 560 022.

P.O. No. :	B19BD19101
Date :	13-09-19
Your Qtn. No. :	BD191
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				4,080,000.00
	purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the comeptent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning All other terms & conditions as per tender.				
				Net Amount..:	4,080,000.00
				Grand	4,080,000.00
	Other Ch: 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTR

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. Jinagoundra Machine Tools Pvt.
Ltd., Between Dharwad-Hubli
Main Road, Sattur,
DHARWAD - 580 009

P.O. No. :	B19BD19201
Date :	20-09-19
Your Qtn. No. :	BD 192
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page..: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Tender Ref: GTTC/MCD/TENDER/GOKAK/BD192				
1	GS-SUNDRYITE Tool Room Precision Lathe Model:JMT/TURNMASTER-350 Note: Free supply of Anti Vibration pads of 6 nos. for each machine at time of delivery Terms & Conditions 1]GST as applicable 2]Technical specification as per Annexure-I 3]Delivery at GTTC GOKAK 4)Delivery Schedule: 90 days from the of P.O 5]Unloading and positioning by the supplier 6)Transportation & Incedential charges:	20.00	No.	404,275.00	8,085,500.00
	To be transferred to pag ....: 2			8,085,500.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

Please acknowledge the receipt of this order and send your acceptance.
Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. Jinagoundra Machine Tools Pvt. Ltd., Between Dharwad-Hubli
Main Road, Sattur,
DHARWAD - 580 009

P.O. No.	:	B19BD19201
Date	:	20-09-19
Your Qtn. No.	:	BD 192
Date	:	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page..: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				8,085,500.00
2	Included Payment Terms: a]80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the comeptent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning All other terms & conditions as per tender.				
				Net Amount..:	8,085,500.00
				Grand	8,085,500.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 231521
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. Jinagoundra Machine Tools Pvt. Ltd., Between Dharwad-Hubli
Main Road, Sattur,
DHARWAD - 580 009

P.O. No. :	B19BD19202
Date :	15-10-19
Your Qtn. No. :	BD 192
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to th terms and conditions printed overleaf.

To Fax:

Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Tender Ref: GTTC/MCD/TENDER/GOKAK/BD192				
1	GS-SUNDRYITE Taper Turning attachment	2.00	No.	18,100.00	36,200.00
2	GS-SUNDRYITE Quick change Tool Post	2.00	No.	8,000.00	16,000.00
	GS-SUNDRYITE DRO	2.00	No.	65,000.00	130,000.00
	Terms & Conditions 1]GST as applicable 2]Accessories to be fitted 2 machines out of 20 machines ordered vide P.O.No.B19BD19201 / 20.09.19 All other terms & conditions as per tender.				
				Net Amount.	182,200.00
				Grand	182,200.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN 29040145781 OUR KST No. 70410458 & CST No. 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B19BD19301
Date :	31-10-19
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf

To Fax

Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/GOKAK/BD-193/2018-19. Dt. 23.02.2019				
	GS-SUNDRYITE Surface Grinding Machine Make - HMT. Model No 452P	2.00	No	895,000.00	1,790,000.00
	Terms & Conditions" 1] GST as applicable 2] Technical specification as per annexure-I 3] Delivery destination as per annexure -II 4] Delivery schedule: 90 days from the date of issue P O 5] Unloading and positioning by the supplier Payment Terms a] 80% of invoice value upon dleivery of items				
	To be transferred to pag 2			1,790,000.00	
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

TIN : 29040145781 OUR KST No. 70410458 & CST No. 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GI&IC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B19BD19301
Date :	31-10-19
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page... 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				1,790,000.00
	purchaser site, balance 20% payment upon completion of installation, commissioning training & certication from the comptent authority and submission of bank quarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning. All other terms & conditions as per tender				
				Net Amount...	1,790,000.00
				Grand	1,790,000.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos.	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

TIN : 29040145781 OUR KST No. 70419458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited.
Marketing Division.
HMT Bhavan, No.59.
Bellary Road, B'lore - 32.

P.O. No. :	B19BD19401
Date :	31-10-19
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to th terms and conditions printed overleaf.

To Fax. Page. 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/GOKAK/BD-194/2018-19, Dt: 23.02.2019				
1	GS-SUNDRYITE Cylindrical Grinding Machine Make - HMT / ANUBHAV. Model No 130 U Terms & Conditions" 1] GST as applicable 2] Technical specification as per annexure-I 3] Delivery destination as per annexure -II 4] Delivery schedule: 90 days from the date of issue P.O 5] Unloading and positioning by the supplier Payment Terms a] 80% of invoice value upon delivery of items	1.00	No.	1,481,400.00	1,481,400.00
	To be transferred to pag 2			1,481,400.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos.

TOTAL :

TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56(

TIN 29040145781 OUR KST No. 70410458 & CST No. 70450540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B19BD19401
Date :	31-10-19
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to th terms and conditions printed overleaf.

To Fax. Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				1,481,400.00
	purchaser site, balance 20% payment upon completion of installation, commissioning training & certication from the comptent authority and submission of bank quarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning.				
	All other terms & conditions as per tender				
	422298, 18/1/21 14,26,872/- Advan C 80%				
				Net Amount...	1,481,400.00
				Grand	1,481,400.00
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. : | TOTAL :

TAXES : | PACKING & FORWARDING :

DELIVERY : | FOR :

PAYMENT : | BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone . 23152118 / 231521
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED
TUMKUR ROAD,
YESHWANTHPUR P.O.,
BANGALORE - 560 022.

P.O. No. :	B19BD19801
Date :	13-09-19
Your Qtn. No. :	BD198
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to t terms and conditions printed overleaf.

To Fax: 8394816 Page..: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE Knee Type Universal Milling Machine, Without DRO, Model:UF2MC Terms & Conditions" 1]GST as applicable 2]Technical specification as per annexure-I 3]Delivery schedule: 90 days from the date of issue P.O 4]Unloading and positioning by the supplier 5]2-3 days training to concerned instructors of the centre at the time of installation Payment Terms:	1.00	No.	1,354,000.00	1,354,000.00
	To be transferred to pag ....: 2			1,354,000.00	
	Other Ch: 0.00				0.00
P.R. Nos. :				TOTAL :	

TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CEN

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED
TUMKUR ROAD,
YESHWANTHPUR P.O.,
BANGALORE - 560 022.

P.O. No. :	B19BD19701
Date :	13-09-19
Your Qtn. No. :	BD 197
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE Knee Type Universal Milling Machine, With DRO, Model:UF2MC Terms & Conditions" 1]GST as applicable 2]Technical specification as per annexure-I 3]Delivery schedule: 90 days from the date of issue P.O 4]Unloading and positioning by the supplier 5]2-3 days training to concerned instructors of the centre at the time of installation. Payment Terms: a]80% of invoice value upon dleivery of items	1.00	No.	1,522,000.00	1,522,000.00
	To be transferred to pag ....: 2			1,522,000.00	
	Other Ch: 0.00				0.00

P.R. Nos.	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

TIN 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

Rajajinagar Industrial Estate, Bengaluru - 560 010

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. BHARAT FRITZ WERNER LIMITED TUMKUR ROAD, YESHWANTHPUR P.O., BANGALORE - 560 022.	P.O. No. :	B19BD19701
	Date :	13-09-19
	Your Qtn. No. :	BD 197
	Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page..: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				1,522,000.00
	purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of commissioning.				
	All other terms & conditions as per tender.				
				Net Amount..:	1,522,000.00
				Grand	1,522,000.00
	Other Ch: 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

TIN: 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTI

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. MTAB ENGINEERS (P) LTD.
G 26A. SIDCO Indl. Estate,
Kakkalur,
THIRUVALLUR - 602 003

P.O. No. :	B19BD19901
Date :	14-11-19
Your Qtn. No. :	BD199
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to th terms and conditions printed overleaf.

To Fax: 8394816 Page.: 1

Sl.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE CNC MILLING MACHINE Model: Maxmill PLUS +, Fanuc - OI MF Control Terms & Conditions" 1]GST as applicable 2]Technical specification as per annexure-I 3]Delivery schedule: 90 days from the date of issue P.O 4]Unloading and positioning by the supplier 5]2-3 days free training to concerned instructors of the centre at the time of installation. Payment Terms:	1.00	No.	2,605,687.00	2,605,687.00
	To be transferred to pag ....: 2			2,605,687.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R Nos	TOTAL :
TAXES	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56(

TIN 29040145781 OUR KST No. 70410458 & CST No. 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE
Rajajinagar Industrial Estate, Bengaluru - 560 010.
Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.MTAB ENGINEERS (P) LTD.
G 26A, SIDCO Indl. Estate,
Kakkalur,
THIRUVALLUR - 602 003

P.O. No. :	B19BD19901
Date :	14-11-19
Your Qtn. No. :	BD199
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: 8394816 Page..: 2

Sl. No	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				2,605,687.00
	a]80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of commissioning.				
	All other terms & conditions as per tender.				
				Net Amount..:	2,605,687.00
				Grand	2,605,687.00
	Other Ch: 0.00				0.00
	SEE NOTE				
				TOTAL :	

P.R. Nos :	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 231521
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. Ace Designers Limited
Plot No. 7 & 8, 2nd Phase,
Peenya Industrial Area,
Bangalore - 560 058.

P.O. No. :	B19BD20001
Date :	13-09-19
Your Qtn. No. :	BD200
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to terms and conditions printed overleaf.

To Fax: 8394816 Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GS-SUNDRYITE CNC Turning Machine Model: Tutor Terms & Conditions" 1]GST as applicable 2]Technical specification as per annexure-I 3]Delivery schedule: 90 days from the date of issue P.O 4]Unloading and positioning by the supplier 5]2-3 days training to concerned instructors of the centre at the time of installation. Payment Terms:	1.00	No.	1,220,000.00	1,220,000.00
	To be transferred to pag ....: 2			1,220,000.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru -

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. Ace Designers Limited
Plot No. 7 & 8, 2nd Phase,
Peenya Industrial Area,
Bangalore - 560 058.

P.O. No.	:	B19BD20001
Date	:	13-09-19
Your Qtn. No.	:	BD200
Date	:	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to th terms and conditions printed overleaf.

To Fax: 8394816 Page..: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				1,220,000.00
	a]80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of commissioning.				
	All other terms & conditions as per tender.				
				Net Amount	1,220,000.00
				Grand	1,220,000.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

... TOOL ROOM & TRAINING CENTRE

... Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301553

PURCHASE / SUB CONTRACT ORDER

M.G.Enterprises
No.7, 1st 'C' Main Road, 2nd
Phase, Peenya Indl. Area
BANGALORE- 58

P.O. No. :	B19BD20601
Date :	30-09-19
Your Qtn. No. :	
Date :	

... quotation, we are pleased to place order on you to supply the following items subject to the ... overleaf

To Fax:

Page..: 1

DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20 Dated: 18.07.2019				
1 GS-SUNDRYITE Boiler suit - Male — 37	767.00	No.	1,408.57	1,080,373.19
2 GS-SUNDRYITE Industrial Apron - Female — 28	265.00	No.	466.67	123,667.55
3 GS-SUNDRYITE Industrial Safety Shoes — (M-37/F-28)	1,032.00	No.	984.76	1,016,272.32
4 GS-SUNDRYITE Helmet Hard Hat	1,032.00	No.	232.63	240,074.16
5 GS-SUNDRYITE Polycarbonate Goggles	1,032.00	No.	55.08	56,842.56
6 GS-SUNDRYITE Safety Gloves	1,032.00	Pair	73.33	75,676.56
7 GS-SUNDRYITE Ear Plug	1,032.00	No.	38.56	39,793.92
8 GS-SUNDRYITE Wooden Drawing Board	1,032.00	No.	327.97	338,465.04
9 GS-SUNDRYITE Back pack (College bag - light weight and water resistant)	1,032.00	No.	693.22	715,403.04
10 GS-SUNDRYITE Mini Drafter	1,032.00	No.	437.50	451,500.00
11 GS-SUNDRYITE Set Squares	1,032.00	Set	54.46	56,202.72
12 GS-SUNDRYITE Stencil	1,032.00	No.	11.61	11,981.52
13 GS-SUNDRYITE Circle Template	1,032.00	No.	21.43	22,115.76
14 GS-SUNDRYITE Engineering Compass Box	1,032.00	No.	388.39	400,818.48
15 GS-SUNDRYITE Clutch Pencil and Led box	1,032.00	Set	19.64	20,268.48
16 GS-SUNDRYITE 10 Pencil, 1 Sharpner, 1 Erase	1,032.00	Set	82.14	84,768.48
17 GS-SUNDRYITE A1 Sheet Container	1,032.00	No.	157.14	162,168.48
18 GS-SUNDRYITE Scientific Calculator	1,032.00	No.	693.22	715,403.04
19 GS-SUNDRYITE All about Machine Tools Book	1,032.00	No.	216.00	222,912.00
To be transferred to pag ....: 2			5,834,707.30	
Item no 1 (37) 2 (28) 3 TO 19 (65 nos each) ... 404/20/4/19				
Other Ch: 0.00				0.00
			TOTAL :	

SEE NOTE

PACKING & FORWARDING :

FOR :

BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

Our KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

Please return ... this order and send your acceptance. ... No. in all correspondences

for GOVT. TOOL ROOM & TRAINING CENTRE

... TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152...
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M.G.Enterprises
No.7, 1st 'C' Main Road, 2nd
Phase, Peenya Indl. Area
BANGALORE- 58

P.O. No. :	B19BD20601
Date :	30-09-19
Your Qtn. No. :	
Date :	

... quotation, we are pleased to place order on you to supply the following items subject to the ... thereof

To Fax:

Page..: 2

... CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
Transferred from page ....: 1				5,834,707.30
Author: Heinrich Gerling				
20 GS-SUNDRYITE Westerman Tables Book Author: H.Jutzz	1,032.00	No.	244.75	252,582.00
21 GS-SUNDRYITE Workshop Technology Vol II Book, Author: Hazra-Chaudhary	1,032.00	No.	304.50	314,244.00
22 GS-SUNDRYITE Enginering Drawing Book Author: N.D Bhat	1,032.00	No.	524.00	540,768.00
23 GS-SUNDRYITE Package Kit (Bag) with GTTC Logo & Content Printed	1,032.00	No.	231.36	238,763.52
Note: 1. Discount @ 0.75% (Rs.53857.99) 2. For Sl.No. 1,2,3 & 6) GST @ 5% 3 For Sl.No. 10,11,12,13,14,15,16,&17) GST @ 12% 4. For Sl.No. 4,5,7,8,9,18,&23] GST @ 18%				
To be transferred to pag ....: 3			7,181,064.82	
Item No 20 TO 23 (65 Nos Each) Recd. GRN- 404 / 20/11/19.				
Other Ch: 0.00				0.00
SEE NOTE				

TOTAL :	
PACKING & FORWARDING :	
FOR :	
BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010	

OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

... the receipt of this order and send your acceptance.
... Date ... in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

[signature]

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M.G.Enterprises
No.7, 1st 'C' Main Road, 2nd
Phase, Peenya Indl. Area
BANGALORE- 58

P.O. No. :	B19BD20601
Date :	30-09-19
Your Qtn. No. :	
Date :	

... above quotation, we are pleased to place order on you to supply the following items subject to the ... printed overleaf.

To Fax:

Page..: 3

ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
Transferred from page ....: 2				7,181,064.82
Terms & Conditions 1] Specifications as per Annexure I 2] Delivery address as per Annexure II 3] Delivery details viz centre name item, Qty. details as per Annexure III 4] Sizes may vary for Boiler suit, Apron & shoes which will be intimated 5] The supply shall be completed within 60 days from the date of P.O 6] Warranty: 6 months from the date of delivery for all the items except stationary items 7] Payment terms: 100% against delivery after				
To be transferred to pag ....: 4			7,181,064.82	
Other Ch: 0.00				0.00
SEE NOTE				
	TOTAL :			
	PACKING & FORWARDING :			
	FOR :			
	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01			

OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

... the receipt of this order and send your acceptance. ... P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152770 / 23152776
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M.G.Enterprises
No.7, 1st 'C' Main Road, 2nd
Phase, Peenya Indl. Area
BANGALORE- 58

P.O. No.	:	B19BD20601
Date	:	30-09-19
Your Qtn. No.	:	
Date	:	

Against your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions overleaf.

To Fax: Page..: 4

ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
Transferred from page ....: 3				7,181,064.82
certification from competent authority.				
8] All other terms & conditions as per tender.				
			Net Amount..:	7,181,064.82
			Grand	7,804,124.28
676,917.45 Other Ch: 0.00				0.00
SEE NOTE				
			TOTAL :	

PACKING & FORWARDING :

FOR :

BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

Please acknowledge the receipt of this order and send your acceptance.
Quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

Annexure - I

Technical Specification

P.O.No.B19BD20601, Date: 30.09.2019

Sl. No.	Item	Specification
1	Boiler Suit	Made up of 210 GSM, Navy Blue terry cotton, breathable dual stiched fabric, concealed KK-2 way Zipper. Elasticcised back, 8 pocket style and machine washable.
2	Industrial Apron Feamle	Made up of 210 GSM, navy blue 100% cotton, breathable dual stiched fabric, waist 2 pen pockets and machine washable.
3	Industrial Safety Shoes	Made up of booty leather upper, 200 J steel toe, anti static insole, ISI marked, moisture wicking breathable fabric lining, double density PU sole, oil and acid resistant, high ankled.
4	Helmet Hard Hat	Made up of formulated polymer, tripple corrugation, ratchet type, non-irritant band.
5	Polycarbonate Googles	Chemical and impact resistant, anti fogging, unisex, Crystal ,clear vision, side protection and wearable over spectacles.
6	Safety Glooves	Made up of high strength elastic nitrile coated, cut and heat resiistant, multipurpose uses.
7	Ear Plug	1270 made up of hypoallergenic silicon, reusable, 24db and noise reduction rating. Non irritating and comfortable fit.
8	Wooden Drawing Board	Made of MDF material, light weight and durable quality wooden fibre.
9	Back Pack [College Bag - light weight & water resistant]	Made up of polyster, water resistant ,3 compartments, mesh pockets and mesh padding, durable zipper ,20 x 15 inches immense capacity.

Technical Specification		
GT&TC	P.O.No.B19BD20601, Date: 30.09.2019	
Sl. No.	Item	Specification
10	Mini Drafter, , ~~Stencil, Circle Template~~	Made of steel and nickel coated rod, Powder coated frame, unbreakable scale, bevel edge with protractor,ant-corrosive
11	Set Squares	Made of clear plastic unbreakable scale, Bevel edge with Protractor thickness 2.5mm.
12	Stencil	made of complete english alphabets, upper case amd lower case, 0.9 numbers, smooth -die ent edges, 160X756mm.
13	Circle Template	360 degree circular plastic protractor, 115mm diameter, 16 circles templates.
14	Engineering Compass Box	made of 12 precision crafted instruments made of SS304 stainless steel, plastic grips with metal carry case.
15	Clutch Pencil & Lead Box	retractable metallic nose,light weight and silicon rubber gripper for easy crafting and drawing.
16	10 Pencil, 1 Sharpener, 1 Erazer Set	Pencil:Extra dark, Sharpner:Long point sharpner Eraser: Non dust grippo eraser
17	A1 Sheet Container	made of good quality, flexible plastic, Adjustable for A1, A2, A3 & A4, it is an adjustable sheet container fully expanding and adjustable to use ,shoulder strap, portable and durable heavy duty material.
18	Scinetific Calculator	non programmable scientific calculator with 300 functions, 2-Line display.
19	All About Machine Tools	All about machine Tools Author: Heinrich Gerling
20	Westermann Tables	Westermann Tables Author: H. Jutzz

Technical Specification

P.O.No.B19BD20601, Date: 30.09.2019

Sl. No.	Item	Specification
21	Workshop Technology	Workshop Technology Vol 1 Author: Hazra Chaudhary
22	Engineering Drawing	Engineering Drawing Author: N.D.Bhatt
23	Package bag with GTTC logo & content printed.	Kit made up of MATTE Fabric 3/3 count waterproof material with carry strap and zipper. Dimension Width: 12inch, Length:17inch , Height: 22inch. Books shall be separately packed and kept in the package kit bag.

Managing Director

GTTC

PO NO.B19BD20601,DTD.30.09.2019

DISTRIBUTION LIST

Sl.No	GTTC Centres	Total (SCP TSP)	Sizes -Male				Sizes -Female				
			S-7	S-8	S-9	S-10	S-4	S-5	S-6	S-7	
1	Hubli	171	6	56	45	4	6	16	15	23	171
2	Belgaum	94	3	29	21	1	3	8	14	15	94
3	Lingasugur	61	2	20	20	2	2	3	5	7	61
4	Dandeli	35	2	19	13	1					35
5	Kolar	26	1	12	12	1					26
6	Humnabad	63	2	17	16	1	3	6	10	8	63
7	Dharwad	78	3	24	14	1	3	7	12	14	78
8	Shimoga	46	2	15	16	1	1	2	4	5	46
9	Gowribidanur	30	1	14	14	1					30
10	Mysore	45	2	16	14	1	1	2	4	5	45
11	Kadur	10	1	5	4	0					10
12	Tumkur	44	2	22	19	1					44
13	Bangalore	65	2 (2)	18	15 (14)	2	2	5	11	10	65
14	Chikodi	15	0	6	9	0					15
15	Gulbarga	41	2	20	18	1					41
16	Gundlupet	15	1	9	5	0					15
17	Harihara	54	2	18	19	1	2	3	4	5	54
18	Hassan	15	1	9	5	0					15
19	Hospet	71	2	25	23	2	2	3	6	8	71
20	Kanakapura	26	1	12	12	1					26
21	Kudalasangama	6	0	4	2	0					6
22	Maddur	11	1	5	5	0					11
23	Mangalore	10	1	5	4	0					20
	Total	**1032**	40	380	325	22	25	55	85	100	**1032**
			767				**267**				

1. Deliver 15 nos. related to Chikkkodi and Belgavi centre.
1. Deliver 10 nos. related to Managalore centre at Hassan Centre.
1. Deliver 06 nos. related to Kudalasangama at Lingasagur centre.

Managing Director

(1) Sl No 13 (Total 65 nos Each) — [illegible] - 404 | 20/11/19

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. G C S Thantrgnan
40, 59th Cross, 5th Block
Rajajinagar,
BANGALORE - 560010

P.O. No. :	TU-0820005
Date :	17-06-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD//TENDER/BLG-SMARTCITY/DESKTOP COMPUTERS & OTH /BD-2R1/2019-20				
1	GS-SUNDRYITE Godrej make 2.0 Split Inverter AC 5 Star rating	8.00	No.	63,090.00	504,720.00
2	GS-SUNDRYITE Brother make Colour Multi functional printer. Model MFC-L3735CDN	2.00	No.	40,050.00	80,100.00
3	GS-SUNDRYITE ACER make Desk Top Computers. Model: Veriton 4660G	80.00	No	65,790.00	5,263,200.00
4	GS-SUNDRYITE CASIO make LED Projector with Screen. Model. XJ-UT312WN	5.00	No	222,210.00	1,111,050.00
5	GS-SUNDRYITE KYOCERA make Photo Copier Machine. Model ECOSYS M4125idn	1.00	No	112,410.00	112,410.00
6	GS-SUNDRYITE GLOBUS make Smart Board Model:GMB1R82	5.00	No	39,600.00	198,000.00
7	GS-SUNDRYITE TECHSER make UPS 10KVA 60 minutes backup. TMP Series	2.00	No	261,090.00	522,180.00
	To be transferred to pag 2			7,791,660.00	
	Other Ch 0.00				0.00
	SEE NOTE				

Original Received Shw 19/6/20

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. G C S Thantrgnan
40, 59th Cross, 5th Block
Rajajinagar,
BANGALORE - 560010

P.O. No. :	TU-0820005
Date :	17-06-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				7,791,660.00
d	GS-SUNDRYITE GLOBUS make Visualizer for Smart board, Model:GVP-503 Note 1]The above price inclusive all 2]Technical specfication as pere Annexure 3]Delivery schedule - 90 days from the date of issue of P.O 4]Installation & Commisioning by the supplier 5]3-5 days free training to concerned instructors of the centre at the time of installation 6]Payment terms. As per tender norms 7]Delivery: Government Tool Room & Training Centre Udaymbag, Belagavi - 590008. Contact Person Sri B.G.Mooger. Mob.9141630309 8]All other terms and conditions as per tender	2.00	No	46,800.00	93,600.00
	To be transferred to pag 3			7,885,260.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. G C S Thantrgnan # 40, 59th Cross, 5th Block Rajajinagar, BANGALORE - 560010	P.O. No. : TU-0820005 Date : 17-06-20 Your Qtn. No. : Date :

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				7,885,260.00
	Payment Authority: Belagavi Smart City Ltd., Belagavi				
				Net Amount	7 885,260 00
	GST No 29BLRI4232B1DP			Grand	7 885 260 00
	Other Ch 0 00				0 00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211?
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	TU-082002
Date :	20-03-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC//MCD/TENDER/BLGM-SMARTCITY/ROBOLAB.&OTHERS/SEC-3/BD-03 2019-20				
1	GS-SUNDRYITE Robo Lab.- FANUC-M10iA/12	1.00	Set	8,124,000.00	8,124,000.00
2	GS-SUNDRYITE Electronic Lab. Equipments	1.00	Lot	2,180,000.00	2,180,000.00
	Note: Total Amount : Rs. 1,03,04,000.00 Disocunt : Rs. 5,04,000.00 Total Amount Inclusive all Rs. 98,00,000.00 1] The above price inclusive all 2] Technical Specification as per annexure 3] Delivery installation, Commisioning & Training at free of cost				
	To be transferred to pag 2			10,304,000.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.
Gen. Phone : 23152118 / 2315211[illegible]
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	TU-082002
Date :	20-03-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax.

Page .. 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page .... 1 4] Payment : As per tender norms 5] Demo and training should be given for 01 week 6] Bidder shall hold the price for minimum 1 year from the date of P.O for any additional quantity further [for Electronics Lab. Equipments only] 7] All other terms and condtions as per tender 8] Delivery : Govt Tool Room & Training Centre Udayambag, Belagavi- 590 008, Contact Person: Sri.B.G.Moger:9141630309				10,304,000.00
	Scheme: Belgavi Smart City Pro			Net Amount	10,304,000.00
				Grand	10,304,000.00
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.M/S. MONO TECH SYSTEMS LTD.
CORPORATE OFFICE, 3rd FLOOR
CITY CENTRE, # 66, THIRUMALA
ROAD, T NAGAR, CHENNAI-600017

P.O. No. :	TU-0820003
Date :	20-03-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page. 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/BLGM-SMARTCITY/3DPRINTING&OTHER/SEC-4/BD-4 2019-20				
	GS-SUNDRYITE Procurement of 3D Printing, for Plastic	1.00	No.	34,000,000.00	34,000,000.00
2	GS-SUNDRYITE Procurement of 3D Printing of Metal	1.00	No.	14,800,000.00	14,800,000.00
3	GS-SUNDRYITE Procurement of DIY 3D Printer 1Set=10Nos.	1.00	Set	900,000.00	900,000.00
4	GS-SUNDRYITE Procurement of Hand Held 3D Laser Scanner, 1Set = 10Nos	1.00	Set	710,000.00	710,000.00
	Note: Total Amount in Rs. 5,04,10,000.00 Discount in Rs. 14,10,000.00 Total amount inclusive all is Rs 4,90,00,000.00				
	To be transferred to pag 2			50,410,000.00	
	Other Ch 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.
Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.M/S. MONO TECH SYSTEMS LTD.
CORPORATE OFFICE, 3rd FLOOR
CITY CENTRE, # 66, THIRUMALA
ROAD, T.NAGAR, CHENNAI-600017

P.O. No. :	TU-0820003
Date :	20-03-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax | Page 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				50,410,000.00
	1]The above price inclusive all 2]Technical specfication as pere Annexure 3]Delivery schedule - 90 days from the date of issue of P.O 4]Unloading and Positioning by the supplier 5]3-5 days free training to concerned instructors of the centre at the time of installation 6]Payment terms: As per tender norms 7]Delivery: Government Tool Room & Training Centre Udaymbag, Belagavi - 590008, Contact Person Sri B G Mooger, Mob.9141630309 8]All other terms and conditions as per tender				
	To be transferred to pag 3			50,410,000.00	
	Other Ch: 0.00				0.00

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s ASKAR MIKRONS (P) Ltd.,
Plot No. 293-C Hebbal
Industrial Area,
MYSORE - 570 016

P.O. No. :	TU-0820001
Date :	26-05-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page : 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/BL-GM-SMARTCITY/CNCML&TU/SEC-1/BD-01/2019-20				
1	GS-SUNDRYITE CNC Milling Machine Model SMART MILL	1.00	No.	1,994,200.00	1,994,200.00
2	GS-SUNDRYITE CNC Turning Machine Model : SPIN TRAIN Terms & Conditions 1] The above price includes all 2] Technical specification as per Annexure-1 3] Delivery Schedule: 90 days from the date of issue P.O 4] Unlodaing and Positioning by the supplier 5] 2-3 days free training to concerned instructors of the centre at the time of installation.	1.00	No	1,298,000.00	1,298,000.00
	To be transferred to pag 2			3,292,200.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s ASKAR MIKRONS (P) Ltd.,
Plot No. 293-C Hebbal
Industrial Area,
MYSORE - 570 016

P.O. No. :	TU-0820001
Date :	26-05-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				3,292,200.00
	6] Payment Terms : As per tender norms. 7] Delivery: Delivery : Govt Tool Room & Training Centre Udayambag, Belagavi- 590 008, Contact Person: Sri.B.G.Moger:9141630309 All other terms and condtions as per tender				
	Scheme: Belgavi Smart City Pro			Net Amount	3,292,200.00
				Grand	3,292,200.00
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTF

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD21101
Date :	11-03-20
Your Qtn. No. :	
Date :	

...h reference to your above quotation, we are pleased to place order on you to supply the following items subject to the ...ms and conditions printed overleaf.

To Fax:

Page..: 1

ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
GTTC/MCD/TENDER/MACHINERY EQUIPMENTS & OTHER/BD-11/2019-20				
GS-SUNDRYITE Procurement of Machines Measuring Instruments, Hand Tools, Cutting TOOLS, Accessories & ETC. Note: 1]Item details,Qty, Price & Discount as per Annexure-I 2]Model/Make details, Technical Specfication,as per Annexure-II 3]Delivery, Unloading and placing of the items at free of cost 4]Taxes as applicable 5]Delivery destination as per Annexure - III 6]Payments: As per tender norms 7]Before despatch - Pre despatcch inspection from buyer	1.00	LumpS	*****************	151,390,321.00
To be transferred to pag ....: 2			151,390,321.00	
Other Ch: 0.00				0.00
SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD21101
Date :	11-03-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page..: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				151,390,321.00
	8]All other terms and condtions as per tender				
	Discount 2 %				
				Net Amount..:	151,390,321.00
				Grand	148,362,514.58
	Other Ch: 0.00				0.00
	SEE NOTE				

... Nos. :	TOTAL :
...XES :	PACKING & FORWARDING :
...LIVERY :	FOR :
...YMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

: 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

Please acknowledge the receipt of this order and send your acceptance.
Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B19BD21001
Date :	02-01-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page 1

SL No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/BD-210/MECH LAB.EQU.&ROBO/CONTRACT/ 012019-20, Dated: 16.12.2019				
1	GS-SUNDRYITE Mechatronics Lab Equipments & Robot	1.00	No.	24,114,966.00	24,114,966.00
	Note. Total Amount Rs.2,41,14,966.00 Discount Rs. 3,86,152.00 ------------------------------ Total Amount before GST Rs 2,37,28,814.00 ------------------------------ 1. Technical specification as per annexure 2. Delivery, Installation, commsioning & Training at free of cost				
	To be transferred to pag 2			24,114,966.00	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRI

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B19BD21001
Date :	02-01-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				24,114,966.00
	3. Payment: 80% on delivery & balance after Installation, Commisioning, Demonstration & Training & certification from the competent authority. 4. Demo and training should be given for 1 week. 5. Bidder shall hold the price for minimum 1 year from the date of P.O for any additional quantity further. 6. All other terms & condition as per tender 7. Delivery at M/s. Govt. Tool Room & Trg. Centre Survey No. 326/A, Near Govt. Degree College Nippani Road, CHIKODI - 591 201. Belagavi Dist. Mr. Khan Mahaboob Ali, M-9845299278				
	GTTC - CHIKODI			Net Amount	24,114,966.00
				Grand	23,632,666.68
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

2019-20

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211?
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. A.S.I. Sales Private Limited
M-8, Shivam House, Karamapura
Complex
NEW DELHI - 110015

P.O. No. :	B19BD20801
Date :	08-01-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page : 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/MTLAB/BD-208/2019-20. Dated: 17.10.2019 MTLAB ITEMS				
1	GS-SUNDRYITE Brinell cum Rockwell Hardness Tester	2.00	No.	30,084.75	60,169.50
2	GS-SUNDRYITE Double Disc Grinder / Polisher	2.00	No.	41,101.50	82,203.00
3	GS-SUNDRYITE Fatigue Test Rig	2.00	No	54,664.02	109,328.04
4	GS-SUNDRYITE Flast and Fire Points Equipmen [open cup and closed cup]	2.00	No	15,677.97	31,355.94
5	GS-SUNDRYITE Izod cum Charpy Impact Tester [Digital]	2.00	No.	84,661.02	169,322.04
6	GS-SUNDRYITE Magnetic Particle Inspection Equipment	2.00	No	124,576.27	249,152.54
7	GS-SUNDRYITE Metallurgical Microscope	2.00	No	105,932.20	211,864.40
8	GS-SUNDRYITE Redwood Viscometer	2.00	No	72,457.63	144,915.26
9	GS-SUNDRYITE Saybolt Viscometer	2.00	No.	63,983.05	127,966.10
10	GS-SUNDRYITE Thurston Oil Tester	2.00	No	66,525.42	133,050.84
11	GS-SUNDRYITE Torsion Tester	2.00	No.	75,847.46	151,694.92
12	GS-SUNDRYITE Universal Testing Machine [UTM] (Mechanical + Computer)	2.00	No.	423,727.97	847,455.94
	To be transferred to pag 2			2,318,478.52	
	Other Ch. 0.00				0.00
				TOTAL :	

P.R. Nos. SEE NOTE

PACKING & FORWARDING :

TAXES :

FOR :

DELIVERY :

BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560

PAYMENT :

TIN : 29040145781 OUR KST No : 70410458 & CST No : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. A.S.I. Sales Private Limited
M-8, Shivam House, Karamapura
Complex
NEW DELHI - 110015

P.O. No. :	B19BD20801
Date :	08-01-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				2,318,478.52
13	GS-SUNDRYITE Vickers Harness Tester	2.00	No	140,254.24	280,508.48
	Note: 1. Total Amount Rs. 25,98,981.36 2. Less Discount Rs. 30,000.00 -------------------- Total before GST Rs. 25,68,981.00 -------------------- Terms & Conditions" 1] GST as applicable 2] Technical specification as per annexure-I 3] Delivery destination as per Annexure II				
	To be transferred to pag 3			2,598,987.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. : TOTAL :

TAXES : PACKING & FORWARDING :

DELIVERY : FOR :

PAYMENT : BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 (

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences

for GOVT. TOOL ROOM & TRAINING CENTR

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. A.S.I. Sales Private Limited M-8, Shivam House, Karamapura Complex NEW DELHI - 110015	P.O. No. :	B19BD20801
	Date :	08-01-20
	Your Qtn. No. :	
	Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				2,598,987.00
	4] Insurance coverage tobe provided by the supplier 5] Delivery Schedule. 90 days from the date of P.O 6] Delivery upon pre-dispatch clearance by purchaser 7] Transportation, unloading and positioning by supplier 8] Payment Terms: 80% of invoice value upon dleivery of items at purchaser site, balance 20% within 30 days after installation, commissioning & training & certilication by competent authority. Perfrmance warranty 10% of basic price in the form of bank guarantee for 12 months from the date of last commissioning All other terms & conditions as per tender				
				Net Amount	2,598,987.00
				Grand	2,598,987.00
	Other Ch: 0.00				0.00
	SEE NOTE				
				TOTAL :	

P.R. Nos.	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 0

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

20-21 — 2[illegible] PO 9

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s LAWRANCE & MAYO
No. 179-G, 96. 2nd Floor,
Narsimharaje Road,
BENGALURU - 560 002

P.O. No. :	B20BD21401
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/MACHNERY/BD-214/2020-21				
	GS-SUNDRYITE CNC Milling Machines Make/Modle Hytech CNC Mill SPM 500	6.00	No.	3,127,000.00	18,762,000.00
2	GS-SUNDRYITE CNC Turning Machine Make/Model Hytech CNC Lathe HPL 165	6.00	No.	1,864,400.00	11,186,400.00
	Terms & Conditions" 1] The above price shown inclusive of all 2] Technical specification as per annexure-I 3] Delivery destination as per annexure -II 4] Delivery schedule: 90 days from the date of issue P.O 5] Unloading and positioning by the supplier				
	To be transferred to pag 2			29,948,400.00	
	Other Ch: 0.00				0.00
	SEE FOOTER NOTE		SEE NOTE		
	SEE NOTE				
				TOTAL :	

P.R. Nos.	
TAXES	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. LAWRANCE & MAYO
No. 179-G. 96, 2nd Floor.
Narsimharaje Road,
BENGALURU - 560 002

P.O. No. :	B20BD21401
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page... 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				29,948,400.00
	Payment Terms. a] 80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning. All other terms & conditions as per tender				
				Net Amount..	29,948,400.00
				Grand	29,948,400.00
	Other Ch 0.00				0.00
	SEE FOOTER NOTE	SEE	NOTE		
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division.
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B20BD21801
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCDTENDER/MACHINARY/BD-218/2020-21				
1	GS-SUNDRYITE Univeral Milling Machine With DRO attachment,Make/Model:HMT/ FN2U	7.00	No.	1,663,274.00	11,642,918.00
2	GS-SUNDRYITE Univeral Milling Machine Without DRO attachment,Make/Model:HMT/ FN2U	7.00	No.	1,613,242.00	11,292,694.00
3	GS-SUNDRYITE Vertical Milling Machine with DRO attachment, Make/Model:HMT/ FN2V	7.00	No.	1,437,954.00	10,065,678.00
4	GS-SUNDRYITE Vertical Milling Machine without DRO attachment. Make/Model:HMT/ FN2V	7.00	No.	1,387,922.00	9,715,454.00
5	GS-SUNDRYITE Conventional EDM Machine Make/Model: Electronica India Ltd. Model:-500x300 EDM	3.00	No.	1,050,672.00	3,152,016.00
	Terms & Conditions" 1] The above price shown inclusive of all 2] Technical specification as per annexure-I				
	To be transferred to pag 2			45,868,760.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

PAID
CQ No. 422294 Dt. 6.1.21
Rs. ....

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B20BD21801
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page... 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				45,868,760.00
	3] Delivery destination as per annexure -II 4] Delivery schedule: 90 days from the date of issue P.O 5] Unloading and positioning by the supplier Payment Terms a] 80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank guarntee for 10% basic price as performance warranty for 12 months from the date of last commissioning.				
	To be transferred to pag 3			45,868,760.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B20BD21801
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.. 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 2				45,868,760.00
	All other terms & conditions as per tender.				
				Net Amount..	45,868,760.00
				Grand	45,868,760.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited,
Marketing Division,
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B20BD21901
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page.. 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/MACHINARY/BD-219/2020-21				
	GS-SUNDRYITE Cylindrical Grinding Machine Make/Model:HMT - Anubhav -130/5000	9.00	No.	1,748,052.00	15,732,468.00
2	GS-SUNDRYITE Surface Grinding Machine Make/Model:HMT/Praga Precision Surface Gringing Machine 452P	10.00	No.	1,026,600.00	10,266,000.00
3	GS-SUNDRYITE Tool & Cutter Grinder Make/Model:HMT/ Praga Precision Cutting and tool Grinding 415	5.00	No.	1,163,527.20	5,817,636.00
4	GS-SUNDRYITE Tool Room Precision lathe Make/Model:HMT/ NH18/1000	14.00	No.	1,227,713.85	17,187,993.90
	Terms & Conditions" 1] The above price shown inclusive of all for				
	To be transferred to pag 2			49,004,097.90	
	Other Ch 0.00				0.00
	SEE NOTE				

PAID
CQ. No. 422294 Dt. 6.1.21
Rs. 3,16,00,000/ 50% taken

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited. Marketing Division. HMT Bhavan, No.59, Bellary Road, B'lore - 32.		
	P.O. No. :	B20BD21901
	Date :	13-11-20
	Your Qtn. No. :	
	Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				49,004,097.90
	Sl.No.3 & 4 price shwon after 1% discount 2] Technical specification as per annexure-I 3] Delivery destination as per annexure -II 4] Delivery schedule: 90 days from the date of issue P.O 5] Unloading and positioning by the supplier Payment Terms a] 80% of invoice value upon dleivery of items purchaser site, balance 20% payment upon completion of installation, commissioning training & certiication from the competent authority and submission of bank quarntee for 10% basic price as				
	To be transferred to pag ....: 3			49,004,097.90	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. HMT Machine Tools Limited.
Marketing Division.
HMT Bhavan, No.59,
Bellary Road, B'lore - 32.

P.O. No. :	B20BD21901
Date :	13-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page..: 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 2				49,004,097.90
	performance warranty for 12 months from the date of last commissioning.				
	All other terms & conditions as per tender				
				Net Amount.:	49,004,097.90
				Grand	49,004,097.90
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. RAVITEJA ELECTRO SYSTEMS
71, 'SREE KALA NILAYA', 1ST FLO
10TH MAIN, 3RD CROSS,
GANGANAGAR, BANGALORE - 24.

P.O. No. :	B20BD22101
Date :	12-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax Page 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				65,713,033.00
	3] Taxes: inclusive 4] Delivery destination as per Annexure - II 5] Payments: 80% of invoice value on deliver of items at the purchaser site. Balance 20% after comissioning training and acceptance certification by the compitent authority 6] Before despatch - Pre despatoch inspection from buyer 7] All other terms and condtions as per tender				
				Net Amount	65,713,033.00
				Grand	64,398,772.34
	Other Ch. 0.00				0.00
	SEE NOTE				
				TOTAL :	

P.R. Nos. :	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 (

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTR

GTTC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s.ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22201
Date :	12-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page.: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
1	GTTC/MCD/TENDER/ELEC. ELECT. SCIENCE LAB. EQU /BD-222 2020-21. Dated: 19.09.2020 GS-SUNDRYITE Electrical, Electronics Science lab & Mechatronics Lab equipments	1.00	Lot	49,610,430.00	49,610,430.00
	Note 1] Technical Specification Qty. Price details & Discount as per Annexure-I 2] Delivery. Unloading and placing of the items at free of cost 3] Taxes: inclusive 4] Delivery destination as per Annexure - II 5] Payments. 80% of invoice value on deliver of items at the purchaser site. Balance 20% after comissioning training and acceptance certification by the compitent				
	To be transferred to pag 2			49,610,430.00	
	Other Ch. 0.00				0.00
	SEE NOTE				

	TOTAL :
P.R. Nos. :	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CEN

Authorised Signatory

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22201
Date :	12-11-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page : 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				49,610,430.00
	authority				
	6] All other terms and condtions as per tender				
				Net Amount :	49,610,430.00
				Grand	48,618,221.40
	Other Ch. 0.00				0.00
	SEE NOTE				
				TOTAL :	

P.R. Nos. :	
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79. Ground Floor. 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22202
Date :	13-01-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Applied Science Lab Equipments for ETC & MTC Dept. Bangalore				
	GS-SUNDRYITE Law of Concurrent forces Appartatus	5.00	No.	10,030.00	50,150.00
2	GS-SUNDRYITE Moment Bar	5.00	No.	15,104.00	75,520.00
3	GS-SUNDRYITE Resonance Air Culumn Apparatus	5.00	No.	21,830.00	109,150.00
4	GS-SUNDRYITE Screw Gaige	12.00	No.	3,776.00	45,312.00
5	GS-SUNDRYITE Sonometer	5.00	No.	17,110.00	85,550.00
6	GS-SUNDRYITE Turning Fork Set	3.00	No.	5,310.00	15,930.00
7	GS-SUNDRYITE Vernier Caliper	7.00	No.	3,776.00	26,432.00
8	GS-SUNDRYITE Vicocity Apparatus	5.00	No.	15,104.00	75,520.00
	Note: 1] Technical Specification Qty. Price details & Discount as per Annexure-I				
	To be transferred to pag 2			483,564.00	
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT #79, Ground Floor, 2nd Main Lakshmaiah Block, CBI Mn. Rd. Ganganagar, Bangalore 560 024	
P.O. No. :	B20BD22202
Date :	13-01-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				483,564.00
	2] Delivery, Unloading and placing of the items at free of cost 3] Taxes: inclusive 4] Delivery destination GTTC Bangalore 5] Payments: 80% of invoice value on deliver of items at the purchaser site. Balance 20% after delivery and acceptance certification by the compitent authority 6] All other terms and condtions as per tender				
				Net Amount.:	483,564.00
	ETC & MTC			Grand	473,892.72
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22203
Date :	03-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page..: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Applied Science Lab Equipments for Gowribidanur				
1	GS-SUNDRYITE Surface Tension Apparatus	3.00	Set	29,028.00	87,084.00
2	GS-SUNDRYITE Viscosity Apparatus	2.00	Set	15,104.00	30,208.00
3	GS-SUNDRYITE Resonance Air Column Apparatus	3.00	Set	21,830.00	65,490.00
	Note: 1] Technical Specification Qty, Price details & Discount as per Annexure-I 2] Delivery, Unloading and placing of the items at free of cost 3] Discount @ 2% (Rs:3,655.64) 4] Taxes: inclusive 5] Delivery destination GTTC Gowribidanur				
	To be transferred to pag ....: 2			182,782.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for **GOVT. TOOL ROOM & TRAINING CENTRE**

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22203
Date :	03-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page..: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				182,782.00
	6] Payments: 80% of invoice value on delivery of items at the purchaser site. Balance 20% after delivery and acceptance certification by the compitent authority				
	7] All other terms and condtions as per tender				
				Net Amount..:	182.782.00
				Grand	179.126.36
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. LAWRANCE & MAYO
No. 179-G, 96, 2nd Floor,
Narsimharaje Road,
BENGALURU - 560 002

P.O. No. :	B20BD22301
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/MACH-EQUIP/BD-223/2020-21				
1	GS-SUNDRYITE 5 Axis CNC Milling Machine Make : BFW, Model:SWIFTNX8	1.00	No	48,500,000.00	48,500,000.00
2	GS-SUNDRYITE 4 Axis CNC Milling Machine Make:BFW, Model:BMV70 TC24	1.00	No	15,800,000.00	15,800,000.00
3	GS-SUNDRYITE 3 Axis CNC Milling Machine [X-Axis-200MM, Y-Axis-1500MM & Z-Axis -800MM] Make: BFW, Model:VIRAT 1520	1.00	No	19,400,000.00	19,400,000.00
4	GS-SUNDRYITE Profile Projector Make: MITUTOYO	1.00	No	1,198,000.00	1,198,000.00
5	GS-SUNDRYITE Roundness Measuring Machine Make : Mitutoyo	1.00	No	9,200,000.00	9,200,000.00
6	GS-SUNDRYITE Micro Height Guage All other terms and conditions as per tender.	1.00	No	700,000.00	700,000.00
	To be transferred to pag 2			94,798,000.00	
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. LAWRANCE & MAYO
No. 179-G. 96, 2nd Floor,
Narsimharaje Road,
BENGALURU - 560 002

P.O. No. :	B20BD22301
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				94,798,000.00
	Make : MITUTOYO Amount Rs.94798000.00 Discount Rs. 598000.00 Total Amount Rs.9,42,08,000.00 942,000,00 Terms & Conditions 1] The above price shown inclusive of all 2] Technical specification as per Annexure 3] Delivery Destination - GTTC Bangalore 4] Delivery Shedule: days from the date of issue of PO 5] Unloading and Positioning by the supplier 6] The Project to be implemneted on TURNKEY				
	To be transferred to pag 3			94,798,000.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

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2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. LAWRANCE & MAYO
No. 179-G, 96, 2nd Floor,
Narsimharaje Road,
BENGALURU - 560 002

P.O. No. :	B20BD22301
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page : 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				94,798,000.00
	basis. Payment Terms: 80% of invoice value upon delivery of items at Purchaser site. Balance 20% payment upon completion of Installation, Commissioning, Training & certification from the competent authority and submission of bank quarntee for 10% basic price as performance bank warranty for 12 months from the date of last commissioning.				
	All other terms and conditions as per tender				
				Net Amount	94,798,000.00
				Grand	94,798,000.00
	Other Ch 0.00				942,000.00/- 0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22401
Date :	29-12-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page..: 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/LAB EQPTS/TRG KITS-ADV/BD224 2020-21, Dated:				
	GS-SUNDRYITE Industrial Robotic Cell with Vision Sensor	4.00	Set	2,985,000.00	11,940,000.00
2	GS-SUNDRYITE Advanced Industrial Pnematics (Electro Pneumatic-Computer Controlled with PLC	8.00	Set	1,285,000.00	10,280,000.00
3	GS-SUNDRYITE Advanced Industrial Hydraulic (Electro Hydraulic - Computer Controlled) With PLC	8.00	Set	1,485,000.00	11,880,000.00
4	GS-SUNDRYITE Advanced PLC Training with Industrial Automation Components And Perpetual Licensed operating Software with PLC	12.00	Set	898,000.00	10,776,000.00
5	GS-SUNDRYITE Sensor Training Kit - Digital	4.00	Set	345,000.00	1,380,000.00
6	GS-SUNDRYITE Sensor Training Kit - Analog	4.00	Set	385,000.00	1,540,000.00
7	GS-SUNDRYITE Industry 4.0 / IIoT Training System	2.00	Set	9,500,000.00	19,000,000.00
	To be transferred to pag ....: 2			66,796,000.00	
	Other Ch: 0.00				0.00

P.R. Nos. SEE NOTE	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22401
Date :	29-12-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax:

Page.: 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				66,796,000.00
8	GS-SUNDRYITE Internet of Things Total Amount Rs. 98396000.00 Less Discount Rs. 396000.00 ---------------------------- Net Payable Rs. 98000000.00 ---------------------------- Note: 1]Item details,Qty, Price & Discount as per P.O 2]Model/Make details, Technical Specfication, as per P.O.B20BD22401 3]Delivery, Unloading and placing of the items at free of cost 4]Taxes: Inclusive of all 5]Delivery destination as per Annexure 6]Payments: As per tender norms	4.00	Set	7,900,000.00	31,600,000.00
	To be transferred to pag ....: 3			98,396,000.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22401
Date :	29-12-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.: 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 2				98,396,000.00
	7]Before despatch - Pre despatcch inspection from buyer				
	8]All other terms and condtions as per tender				
				Net Amount.:	98,396,000.00
				Grand	98,396,000.00
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : [illegible]
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22501
Date :	12-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD225 /2020-21				
1	GS-SUNDRYITE Almirah	75.00	No	19,844.00	1,488,300.00
2	GS-SUNDRYITE Ceramic Green Chalk Board	55.00	No	12,780.00	702,900.00
3	GS-SUNDRYITE Computer Chair (without Arm)	293.00	No	1,969.00	576,917.00
4	GS-SUNDRYITE Computer Table	233.00	No	7,462.00	1,738,646.00
5	GS-SUNDRYITE Chair (for Conference)	113.00	No	11,328.00	1,280,064.00
6	GS-SUNDRYITE Conference Table	11.00	No	33,632.00	369,952.00
7	GS-SUNDRYITE Dual desk	217.00	No	10,079.00	2,187,143.00
8	GS-SUNDRYITE Dining Table & Chair	72.00	No	18,408.00	1,325,376.00
9	GS-SUNDRYITE Drawing Board with Stand	128.00	No	7,199.00	921,472.00
10	GS-SUNDRYITE Library Cupboard with glass door	64.00	No	14,040.00	898,560.00
11	GS-SUNDRYITE Library reading table	32.00	No	18,620.00	595,840.00
12	GS-SUNDRYITE Office/instructor chair	106.00	No	2,348.00	248,888.00
13	GS-SUNDRYITE Office/instructor Table	74.00	No	13,608.00	1,006,992.00
14	GS-SUNDRYITE Office file cabinet	32.00	No	16,819.00	538,208.00
15	GS-SUNDRYITE Pigeon cup board	75.00	No	30,240.00	2,268,000.00
16	GS-SUNDRYITE Principal/executive chair (with arm)	8.00	No	8,500.00	68,000.00
	To be transferred to pag 2			16,215,258.00	
	Other Ch 0.00				0.00

P.R. Nos. SEE NOTE	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.G. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22501
Date :	12-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax: Page.. 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				16,215,258.00
17	GS-SUNDRYITE Principal/executive table	8.00	No.	12,036.00	96,288.00
	GS-SUNDRYITE Plastic chair	817.00	No	920.00	751,640.00
	GS-SUNDRYITE Science lab table	33.00	No.	30,790.00	1,016,070.00
20	GS-SUNDRYITE White borad with stand	15.00	No	4,248.00	63,720.00
21	GS-SUNDRYITE Work bench	105.00	No.	26,086.00	2,739,030.00
	Note: Terms & Conditions" 1] Including GST 2] Technical specification as per annexure-I 3] Delivery destination as per Annexure II 4] Insurance coverage to be provided by the supplier 5] Delivery Schedule: 60 days from the date of P.O 6] Delivery upon pre-dispatch clearance by purchaser				
	To be transferred to pag 3			20,882,006.00	
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22501
Date :	12-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				20,882,006.00
	7] Transportation, unloading and positioning by supplier 8] Bidder shall hold the price for 1 Year for any additional requirment. 9] Payment Terms: 80% of invoice value upon dleivery of items at purchaser site, balance 20% within 30 days after installation, commissioning & certiication by competent authority Perfrmance warranty 10% of basic price in the form of bank guarantee for 12 months from the date of last supply. All other terms & conditions as per tender				
				Net Amount	20,882,006.00
				Grand	20,882,006.00
	Other Ch. 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD2251A
Date :	05-04-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page.. 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD225 2020-2021				
1	GS-SUNDRYITE ALMIRAHA	2.00	No	16,816.95	33,633.90
2	GS-SUNDRYITE PRINCPAL/EXECUTIVE CHAIR WITH ARM	2.00	No	7,203.39	14,406.78
3	GS-SUNDRYITE PRINCIPAL/EXECUTIVE TABLE	2.00	No	10,200.00	20,400.00
	Note: Terms & Conditions" 1] GST 18% extra 2] Technical specification as per annexure-I 3] Delivery destination - GTTC Bangalore 4] Insurance coverage to be provided by the supplier				
	To be transferred to pag 2			68,440.68	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd : 12.08.76

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for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD2251A
Date :	05-04-20
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page... 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ....: 1				68,440.68
	5] Delivery Schedule: 60 days from the date of P O 6] Transportation, unloading and positioning by supplier 7] Payment Terms: 80% of invoice value upon dleivery of items at purchaser site, balance 20% within 30 days after installation, commissioning & certiication by competent authority. All other terms & conditions as per tender				
				Net Amount	68,440.68
				Grand	68,440.68
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010.

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
2. Kindly quote the P.O. No. & Date clearly in all correspondences

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No : B20BD22502

Date : 22-04-21

Your Qtn. No. :

Date :

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD225 /2020-21. Furnitures For Additonal Quantity				
1	GS-SUNDRYITE Plasic Chairs / Library Chair	25.00	No.	920.00	23,000.00
2	GS-SUNDRYITE Drawing Board with Stand	30.00	No	7,199.00	215,970.00
3	GS-SUNDRYITE White Board with Stand	3.00	No.	4,248.00	12,744.00
4	GS-SUNDRYITE Ceramic board	5.00	No.	12,780.00	63,900.00
5	GS-SUNDRYITE Work Bench	40.00	No.	26,086.00	1,043,440.00
6	GS-SUNDRYITE Steel Almirah	8.00	No	19,844.00	158,752.00
7	GS-SUNDRYITE Inst./office Chair (with Arm)	12.00	No.	2,348.00	28,176.00
8	GS-SUNDRYITE Inst./office Table	9.00	No	13,608.00	122,472.00
9	GS-SUNDRYITE Library Glass Door Cupboard	15.00	No.	14,040.00	210,600.00
10	GS-SUNDRYITE Dual Desk	60.00	No.	10,079.00	604,740.00
11	GS-SUNDRYITE Pigeon Cupboard	10.00	No.	30,240.00	302,400.00
12	GS-SUNDRYITE Office file Cabinet	8.00	No	16,819.00	134,552.00
13	GS-SUNDRYITE Science Lab. Table	5.00	No.	30,790.00	153,950.00
14	GS-SUNDRYITE Library reading Table	8.00	No.	18,620.00	148,960.00
15	GS-SUNDRYITE Comp. Chair (without Arm)	50.00	No.	1,969.00	98,450.00
16	GS-SUNDRYITE Comp. Table	50.00	No	7,462.00	373,100.00
17	GS-SUNDRYITE Conference Table	1.00	No	33,632.00	33,632.00
18	GS-SUNDRYITE Conference Chair	10.00	No	11,328.00	113,280.00
19	GS-SUNDRYITE Dining Table	8.00	No	18,408.00	147,264.00
	To be transferred to pag ....: 2			3,989,382.00	
	Other Ch: 0.00				0.00

P.R. Nos. :

TOTAL :

TAXES : SEE NOTE

PACKING & FORWARDING :

DELIVERY :

FOR :

PAYMENT :

BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

Authorised Signatory

GI&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22502
Date :	22-04-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax — Page 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				3,989,382.00
	9] Payment Terms. 80% of invoice value upon dleivery of items at purchaser site, balance 20% within 30 days after installation, commissioning & certiication by competent authority. Perfrmance warranty 10% of basic price in the form of bank guarantee for 12 months from the date of last supply. All other terms & conditions as per tender				
				Net Amount	3,989,382.00
	GTTC - CHITRADURGA			Grand	3,989,382.00
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22503
Date :	30-04-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 1

Sl. No.	ITEM CODE & DESCRIPTION		QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/TENDER/FURNITURE & FIXTURE/BD225 /2020-21. Furnitures For Additonal Quantity					
	GS-SUNDRYITE	Plasic Chairs / Library Chair	100.00	No.	920.00	92,000.00
2	GS-SUNDRYITE	Drawing Board with Stand	30.00	No.	7,199.00	215,970.00
3	GS-SUNDRYITE	White Board with Stand	3.00	No.	4,248.00	12,744.00
4	GS-SUNDRYITE	Ceramic board	5.00	No	12,780.00	63,900.00
5	GS-SUNDRYITE	Work Bench	40.00	No	26,086.00	1,043,440.00
6	GS-SUNDRYITE	Steel Almirah	8.00	No	19,844.00	158,752.00
7	GS-SUNDRYITE	Inst./office Chair (with Arm)	12.00	No	2,348.00	28,176.00
8	GS-SUNDRYITE	Inst./office Table	9.00	No	13,608.00	122,472.00
9	GS-SUNDRYITE	Library Glass Door Cupboard	15.00	No	14,040.00	210,600.00
10	GS-SUNDRYITE	Dual Desk	60.00	No	10,079.00	604,740.00
11	GS-SUNDRYITE	Pigeon Cupboard	10.00	No	30,240.00	302,400.00
12	GS-SUNDRYITE	Office file Cabinet	8.00	No	16,819.00	134,552.00
13	GS-SUNDRYITE	Science Lab. Table	5.00	No	30,790.00	153,950.00
14	GS-SUNDRYITE	Library reading Table	8.00	No	18,620.00	148,960.00
15	GS-SUNDRYITE	Principal / Exe. Table	1.00	No	12,036.00	12,036.00
16	GS-SUNDRYITE	Principal / Exe. Table	1.00	No	8,500.00	8,500.00
17	GS-SUNDRYITE	Comp. chair (without Arm)	50.00	No.	1,969.00	98,450.00
18	GS-SUNDRYITE	Comp. Table	50.00	No	7,462.00	373,100.00
19	GS-SUNDRYITE	Conference Table	1.00	No	33,632.00	33,632.00
20	GS-SUNDRYITE	Conference Chair	10.00	No	11,328.00	113,280.00
	To be transferred to pag 2				3,931,654.00	
	Other Ch 0.00					0.00

P.R. Nos. :	TOTAL :
TAXES SEE NOTE	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 01

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd.,
565, 30th Main Road,
Kattriguppa, Bhanashankari 3rf
Stage, Bangalore - 560 085

P.O. No. :	B20BD22503
Date :	30-04-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax:

Page 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				3,931,654.00
21	GS-SUNDRYITE Dining Table & Chair	8.00	No.	18,408.00	147,264.00
	Note Terms & Conditions" 1] Including GST. 2] Technical specification as per annexure-I 3] Delivery M/s. Govt. Tool Room & Trg. Centre Sy No. 117, (Near Sharda Ganesh cold Storages) Bellary Road, Challakere - 577522. Mr. Thippeswamy G.R. M: 97315467 4] Insurance coverage to be provided by the supplier 5] Delivery Schedule: 60 days from the date of P.O 6] Delivery upon pre-dispatch clearance by purchaser				
	To be transferred to pag 3			4,078,918.00	
	Other Ch: 0.00				0.00
	SEE NOTE				

P.R. Nos. :

TOTAL :

TAXES :

PACKING & FORWARDING :

DELIVERY :

FOR :

PAYMENT :

BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

Authorised Signatory

PURCHASE / SUB CONTRACT ORDER

M/s. I.C. India Pvt. Ltd., # 565, 30th Main Road, Kattriguppa, Bhanashankari 3rf Stage, Bangalore - 560 085	P.O. No. :	B20BD22503
	Date :	30-04-21
	Your Qtn. No. :	
	Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax

Page 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 2				4,078,918.00
	7] Transportation, unloading and positioning by supplier 8] Bidder shall hold the price for 1 Year for any additional requirment. 9] Payment Terms: 80% of invoice value upon dleivery of items at purchaser site, balance 20% within 30 days after installation, commissioning & certiication by competent authority. Perfrmance warranty 10% of basic price in the form of bank guarantee for 12 months from the date of last supply. All other terms & conditions as per tender.				
				Net Amount :	4,078,918.00
	GTTC - CHALLKERE			Grand	4,078,918.00
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

Authorised Signatory

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22601
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf. To Fax. Page. : 1

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	GTTC/MCD/UPGRADE-MACHINES & ACCESSORIES/BD-226/2020-21				
1	GS-SUNDRYITE Co-Ordinate Measuring Make CARL ZESIS	1.00	No	15,930,000.00	15,930,000.00
2	GS-SUNDRYITE 3 Axis CNC Milling Machine Make DMG MORI	4.00	No	9,912,000.00	39,648,000.00
3	GS-SUNDRYITE CNC Wire EDM Machine Make FANUC	2.00	No	13,924,000.00	27,848,000.00
4	GS-SUNDRYITE Tool Pre-Setter Make Ashwini Engineering Industries	1.00	No	2,242,000.00	2,242,000.00
5	GS-SUNDRYITE Cutting Tools, Accessories, Accessories Make: TOTEM / Equivalent Measuring Instruments. Make:MITUTOYO Cutting Tools : Make:Addision / Miranda / IT / Equivalent	1.00	LumpS		7,281,106.22
	To be transferred to pag 2			92,949,106.22	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos.	TOTAL :	
TAXES :	PACKING & FORWARDING :	
DELIVERY :	FOR :	
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 (	

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTR

GT&TC BANGALORE

GOVT. TOOL ROOM & TRAINING CENTRE

Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 2315211
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22601
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to tl terms and conditions printed overleaf. To Fax: Page 2

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page 1				92,949,106.22
	1] The above price shown onclusive of all 2] Technical specification as per Annexure 3] Delivery Destination - GTTC Bangalore 4] Delivery Shedule: 90 days from the date of issue of P.O This project to be implemented on Turnkey basis. Payment Terms: 80% of invoice value upon delivery of items at Purchaser site. Balance 20% payment upon completion of Installation, Commissioning, Training & certification from the competent authority and submission of bank guarntee for 10% basic price				
	To be transferred to pag 3			92,949,106.22	
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 56(

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENT

GOVT. TOOL ROOM & TRAINING CENTRE
Rajajinagar Industrial Estate, Bengaluru - 560 010.

Gen. Phone : 23152118 / 23152119
Dir. Phone : 23157189
Fax : 080 23301683

PURCHASE / SUB CONTRACT ORDER

M/s. ACCURA TEQUIPMENT
#79, Ground Floor, 2nd Main
Lakshmaiah Block, CBI Mn. Rd.
Ganganagar, Bangalore 560 024

P.O. No. :	B20BD22601
Date :	26-03-21
Your Qtn. No. :	
Date :	

With reference to your above quotation, we are pleased to place order on you to supply the following items subject to the terms and conditions printed overleaf.

To Fax: Page.. 3

Sl. No.	ITEM CODE & DESCRIPTION	QTY.	UNIT	RATE ₹	VALUE ₹
	Transferred from page ... 2				92,949,106.22
	as performance bank warranty for 12 months from the date of last commissioning.				
	1% Discount on Total value				
	All other terms and conditions as per tender				
				Net Amount	92,949,106.22
				Grand	92,019,615.16
	Other Ch 0.00				0.00
	SEE NOTE				

P.R. Nos. :	TOTAL :
TAXES :	PACKING & FORWARDING :
DELIVERY :	FOR :
PAYMENT :	BANK : S.B.I. Industrial Estate, Rajajinagar, Bengaluru - 560 010

TIN : 29040145781 OUR KST No. : 70410458 & CST No. : 70460540 Dtd. 12.08.76

1. Please acknowledge the receipt of this order and send your acceptance.
2. Kindly quote the P.O. No. & Date clearly in all correspondences.

for GOVT. TOOL ROOM & TRAINING CENTRE

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF 3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER &HAND HELD 3D LASER SCANNER

BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/3DPRINTING&OTHER/SEC-4/BD-04/2019-20

BIDDING DOCUMENT

JANUARY- 2020

LAST DATE FOR SUBMISSION:14.02.2020,17.00 HRS

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF 3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER & HANDHELD 3D LASER SCANNER

GTTC/MCD/TENDER/BLGM-SMARTCITY/3D PRINTING &OTHER/SEC-4/BD-04/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room &Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Amount Put to Tender Rupees in Lakhs	Earnest Money deposit in Indian Rupees in Lakhs
01	3D Printing for metal	1no.	**488.10**	**7.50**
02	3D Printing for Plastic	1no.		
03	DIY 3D Printer	10nos.		
04	Hand Held 3D Laser Scanner	10nos.		

3. Interested bidders may obtain further information from Govt. Tool Room &Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 13.01.2020till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.14.02.2020, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 17.02.2020** after 15.00Hrs.

6. Duly signed with stamp of hard copy of Technical Bid along with other documents like catalogue, company in - corporation certificates, authorization letter (If any), clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.

Instructions to Bidders

1. Scope of Bid

Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of the following 3D Printing for Metal, 3D Printing for Plastic, DIY 3D Printer &Hand held 3D Laser Scanner to GTTCBelgaum. as specified in the Schedule of Requirements.

2. Sources of Funds

Belagavi Smart City,Belagavi.

		04/2019-20
Commencement of Down load of e-tender form from website http://eproc.karnataka.gov.in	:	From: 13/01/2020.
Last Date for Queries Through On-Line	:	14/02/2020 till 5:00 p.m.
Pre-Bid Meeting	:	31/01/2020 at 11:00 a.m.
Last date and time for uploading of e-tender in e-procurement platform on or before	:	14/02/2020 up to 17.00 Hours
The Technical Bid will be opened on	:	17/02/2020at 15.00 Hours
Financial Bid Opening	:	-
Place of Opening of Tenders and Address for Communication.	:	GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE

Note:

(1) In the event of the specified date of opening of First Cover (Technical Bid) being declared a holiday for the purchaser, the First Cover (Technical Bid) shall be opened on the next working day at the same time and venue.

(2) Completed tenders shall be uploaded through e-tendering system by the Tenderers using their User ID and addressed to the **Managing Director,** GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE**-560010** in the manner prescribed under Instructions to Tenderers Section II of Tender Documents on or before the last date & time stipulated.

(3) Only Online Queries on the e-Procurement Portal will be accepted. Queries through letters, mails or any other mode will not be entertained.

(4) Only those Tenderers / bidders, which are found to be responsive on document verification, shall be intimated for equipment demonstration.

(5) The tenderers / bidders should upload all the documents as per the Clause No. **XVII**.

Sl. No.	SECTIONS
1.	I – Invitation for Tenders (IFT)
2.	II – Instruction to Tenderers (ITT)

e - TENDERS FOR THE SUPPLY OF EQUIPMENTS

SECTION I. INVITATION FOR TENDERS (IFT)

Tender Notification No: GTTC/MCD/TENDER/BLGM-SMARTCITY/3DPRINTING&OTHER/SEC-4/BD-04/2019-20

1. The Managing Director, GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE (Purchaser) invites e - tenders from eligible tenderers who are registered for e-platform by using ID & Digital Signature for the supply of above said units:

NOTE : 1) The bidder should pay the consolidated E.M.D. of those equipment for which he is quoted in the tender by adding the E.M.D. shown against each **(Schedule)** and mentioning the Sl. No. of respective item.

2. The tenderers may upload tenders for the above goods individually. Tenderers are advised to note the qualification criteria specified in Section VII to qualify for award of the contract, (vide Section XII and XII A) in addition to other requirements of the tender. Two Cover tender procedures shall be followed. The Tenderers are required to upload First Cover i.e. Technical Bid consisting of document as specified in clause 7.1.1 of ITT and Second Cover i.e. Financial Bid Consisting Price Schedule for the equipment, as well as for CMC (wherever is applicable).

3. Tender documents may be downloaded from the web site http://eproc.karnataka.gov.in

4. Tenderers must provide Earnest Money Deposit (EMD) as specified in the tender document which shall have to be made through electronic system (Refer Section-V Schedule of requirement).

5. Tenders along with necessary enclosures must be uploaded to the web site http://eproc.karnataka.gov.in as per tender schedule mentioned in page 1 and First Cover containing the Technical Bid will be opened as per tender schedule in the presence of the tenderers or their authorized representatives who wish to attend. If the office happens to be closed on the date of opening of the tenders as specified, the tenders will be opened on the next working day at the same time and venue.

6. Deleted

7. Deleted

8. Deleted.

9. The Second Cover (Financial Bid) of the Tenderers who are technically qualified / responsive will be opened through e-tendering system. Please refer clause 20.2 of I.T.T.

10. Other details can be seen in the tender documents.

SECTION II: INSTRUCTIONS TO TENDERERS

TABLE OF CLAUSES

SECTION II: INSTRUCTION TO TENDERERS

A. Introduction

1. Eligible Tenderers:

1.1 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the equipment to be purchased under this Invitation of Tenders.

1.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Karnataka

2. Cost of Tendering:

2.1 The Tenderer shall bear all costs associated with the preparation and uploading of its tender, and the Managing Director, Government Tool Room & Training Centre, Bangalore, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

B. The Tender Documents

3. Contents of Tender Documents

3.1 The goods required, tendering procedures and contract terms are prescribed in the tender documents. In addition to the Invitation for Tenders, the tender documents include:

a) Instruction to Tenderers (ITT)
b) General Conditions of Contract (GCC)
c) Special Conditions of Contract (SCC)
d) Schedule of requirements with consignee list – Section V
e) Technical Specifications – Section VI
f) Qualification Criteria – Section VII
g) Tender Form and Price Schedules – Section VIII
h) Earnest Money Deposit – Section IX
i) Contract Form – Section X
j) Performance Security Form – Section XI
k) Performance Statement Form – Section XII

l) Manufacturer’s Authorization Form – Section XIII
m) Equipment and Quality Control Form – Section XIV
n) Proof of Service Centre in Karnataka – Section XV
o) Declaration for Performance of quoted model – Section XVI
p) Document Verification Checklist – Section XVII

3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or uploading of a tender not substantially responsive to the tender documents in every respect will be at the Tenderer’s risk and may result in rejection of its tender.

4. Clarification of Tender Documents

4.1 Only Online Queries on the e-Procurement Portal before the time line given will be accepted. Queries through letters, mails or any other mode will not be entertained.

5. Amendment of Tender Documents

5.1 At any time prior to the deadline for uploading of tenders, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, modify the tender documents by amendment.

5.2 Amendments, if any as per clause 5.1 above will be notified as Addendum/Corrigendum through the e-procurement portal and office notice board and the same will be binding on all prospective Tenderers.

5.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Purchaser, at its discretion, may extend the deadline for the uploading of tenders.

Preparation of Tenders:

6. Language of Tender.

6.1 The tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender exchanged by the Tenderer and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

7. Documents Constituting the Tender

7.1 The tender prepared by the Tenderer shall comprise the following components and shall be uploaded in two covers containing the documents as follows:

7.1.1 First Cover: (Technical Bid)

(a) Earnest money deposit Rs.7.50Lakhs, details in accordance with ITT Clause 13, receipt of the payment made to be uploaded.

(b) Documentary evidence established in accordance with ITT Clause 11 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;

(c) Documentary evidence established in accordance with ITT Clause 12 that the equipment and ancillary services to be supplied by the Tenderer are eligible equipment and services and conform to the tender documents.

(d) GST/Sales Registration Certificate with Latest commodity list.

(e) Sales Tax Clearance Certificate as per Annexure-I or in the valid format of the Commercial Tax Department for Previous Financial Year issued by the concerned authorities is to be uploaded

(f) Annual Turnover for the preceding three financial years i.e., 2016-17, 2017-18, 2018-19 certified by Auditor / Chartered Accountant as per Annexure-II is to be

uploaded.

(g) Income Tax Returns for the preceding three financial years i.e. 2016-17, 2017-18, 2018-19to be uploaded.

(h) Copies of Balance Sheet and Profit and Loss Account for preceding three financial years i.e., 2016-17, 2017-18, 2018-19duly certified by the Chartered Accountant / Auditor, is to be uploaded.

(i) Notarized Copy of the Manufacturing license obtained from the following competent authority shall be uploaded:

1) Directorate of Industries & Commerce of a State or Union Territory.
2) District Industries & Commerce

(j) Performance of the manufacturer - 80% performance in any one of the last three financial years to be submitted issued by Competent Authority as per Section-XII is to be uploaded.

1) To be furnished and signed by the Manufacturer only, in any one of the last 3 years i.e., **2016-17, 2017-18,2018-19**.

2) Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

Performance of 80% shall be considered for the manufactured, tested and supplied equipment similar**[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER]**
to type, size and complexity as specified in the schedule of requirements.

(k) Performance of the dealer- 30% Performance in any one of the last three financial years i.e., **2016-17, 2017-18,2018-19**is also to be uploaded as per Section-XII-A in case of tenderer is an agent/dealer along with 80% manufacturer Performance.

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

2) Performance of 30% shall be considered for the supplied, installed and satisfactorily commissioned equipment similar **[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER]**to type, size and complexity as specified in the schedule of requirements.

3) End user Certificate shall be mandatory along with the proof of supply.

4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

(l) The Certificate of incorporation signed by the Registrar of Companies (ROC) notarized is to be uploaded in case Proprietor/Partnership Firm Registration of firm and GST registration, etc., notarized copy should be uploaded.

(m) Tender Form with an undertaking to abide by the terms and conditions of the tender in the format as per Section- VII is to be uploaded.

(n) The Manufacturers Authorization Form, referred in Section-XIII, in original, and copy of manufacturing license of the authorization issuing firm are also to be uploaded. The letter of authority should be issued to only one agent irrespective of models for this particular IFT. If it is found that letter of authority issued to more than one firm, all the bids for which the authorization is given will be considered Non-responsive.
Manufacturer's Authorization has to be considered from the Prime Manufacturer only. Second Authorization from the dealer, stockiest and any other representatives of Manufacturer shall not be considered.

(o) Equipment and quality control Employed by manufacturer as per proforma given in Section- XIV Equipment and Quality Control employed by the Manufacturer has to be furnished and signed by the Manufacturer only and submission of the same shall be mandatory and non-submission of the certificate shall be liable for rejection.

(p) Deleted.

(q) Self-declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items.

(r) The tenderer quoting for the equipments under import license shall produce all the above-mentioned documents and also has to produce the documents as formalized as per the prevailing international norms or bilateral agreements between India and the exporting country.

If the tenderer claims as an importer, the import license shall be in the tenderer's name only

(s) Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details to be uploaded.

(t) Quality certification for each Equipment quoted like ISO/CE/FDA, Technical brochure, IT returns, Bank Transactions. List of Item Quoted along with make model and specification to be uploaded separately.

The tender document shall have signature on all pages including the annexure by the authorized signatory, the documents / certificates should be under the name and address of the premises where items quoted are actually manufactured. The Documents uploaded should be clearly visible failing which such documents shall not be considered. The documents uploaded in general documents should be named individually.

Note: The originals of all the documents uploaded under Technical Bid shall be produced for verification on the date specified, after the opening of the Technical Bid. The manufacturing premises of all responsive bidders will be subject to physical verification if required by Government Tool Room & Training Centre,Bangalore, or by an agency authorized by the society to ascertain as to whether the bidder has the required manufacturing capacity commensurate with the bid quantity.

7.1.2 Second Cover: (Financial Bid)

7.1 Prices shall be mentioned in the e-portal system only.

7.2 The originals of all the documents uploaded as per requirement given in 7.1.1 above shall be produced for verification on the date specified, after the opening of First Cover failing which the tenders shall be considered as non-responsive.

7.3 DELETED.

8. Tender Form

8.1 As the tender has been invited through e-portal system, the Tender Form (Section-VIII) shall be uploaded in Cover-A without price.

9. Tender Prices

9.1 The Tenderer shall indicate on the Price Schedule in the e-portal system the unit prices and total tender prices of the equipment it proposes to supply under the Contract. However, tenderers shall quote for the complete requirements of equipments and services specified under each equipment on a single responsibility basis, failing which such tenders will not be taken into account for evaluation and will not be considered for award.

9.2 Prices indicated on the Price Schedule shall be entered separately as per e-procurement portal in the following manner:

(i) The price of the equipment, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales taxes charges to be paid.

a. on components and raw material used in the manufacture or assembly of equipment quoted ex-works or ex-factory; or

b. on the previously imported equipment of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.

(ii) Unit Price should be quoted separately. If not quoted separately, the bid will be liable for rejection

(iii) DELETED.

(iv) DELETED.

(v) The price of other incidental services listed in Clause 4 of the Special Conditions of Contract.

(vi) Deleted .

9.3 The Tenderer's separation of the price components in accordance with ITT Clause 9.2 above will be solely for the purpose of facilitating the comparison of tenders by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered.

9.4 Prices quoted by the Tenderer shall be fixed during the Tenderer's performance of the Contract and not subject to variation on any account. A tender uploaded with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 22.

10. Tender Currency:

10.1 Prices shall be quoted in Indian Rupees only.

11. **Documents Establishing Tenderer's Eligibility and Qualifications.**

11.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the Tenderer's eligibility to tender and its qualifications to perform the Contract if its tender is accepted

11.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if its tender is accepted, shall establish to the Purchaser's satisfaction:

(a) that, in the case of a Tenderer offering to supply equipment under the contract which the Tenderer did not manufacture or otherwise produce, the Tenderer has been duly authorized (as per authorization form in Section XIII) by the equipment' Manufacturer or producer to supply the equipment in India.

[Note: 1. Supplies for any particular item quoted in the tender should be from one manufacturer only. Tenders from agents offering supplies from different manufacturers for the same item in the tender will be treated as non-responsive

2.The manufacturer who is authorizing particular agency should not authorize more than one firm irrespective of Model for this IFT. If it is found that the authorization is issued to more than one firm, all the bids for which the authorization is given will be considered as Non-responsive.].

(b) That the Tenderer has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the Qualification requirements specified in Section VII. To this end, all tenders uploaded shall include the following information:

(i) The legal status, place of registration and principal place of business of the company or firm or partnership, etc.

(ii) Details of experience and past performance of the tenderer on equipment offered and on those of similar nature within the past three years and details of current contracts in hand and other commitments (suggested proforma given in Section XII);

12. Documents Establishing Equipment' Eligibility and Conformity to Tender Documents

12.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the eligibility and conformity to the tender documents of all equipment and services which the tenderer proposes to supply under the contract.

12.2 The documentary evidence of conformity of the equipment and services to the tender documents may be in the form of literature, drawings and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the equipment.

(b) A visit giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the equipment for a period of two years, following commencement of the use of the goods by the Purchaser, wherever applicable; and

(c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the equipment and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

Technical Literature with model quoted and compliance statement is mandatory.

12.3 For purposes of the commentary to be furnished pursuant to ITT Clause 12.2(c) above, the Tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Tenderer may substitute alternative standards, brand names and/or catalogue numbers in its tender, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

13. Earnest Money Deposit (EMD)

13.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, earnest money deposit as specified in Section-V - Schedule of requirements.

13.2 The earnest money deposit is required to protect the Purchaser against the risk of Tenderer's conduct, which would warrant the security's forfeiture, pursuant to ITT Clause 13.7.

13.3 The Earnest Money Deposit shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:

- Credit Card.
- Direct Debit.
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC).

The OTC payment facility will be available at the designated Bank and branch or any bank approved by e-Governance for making payments from the date of tender notification.

13.4 Confirmation of receipt of EMD in Government of Karnataka central pool A/C held at the Bank approved by e-procurement will be verified. If found that an acceptable EMD is not received as indicated in Clause 13.3 above the tender shall be rejected by the Purchaser as Non – responsive.

13.5 Unsuccessful Tenderer's earnest money deposit will be refunded as promptly as early as possible after the expiration of the period of tender validity prescribed by the Purchaser, pursuant to ITT Clause 14.

13.6 The successful Tenderer's earnest money deposit will be refunded upon the tenderer signing the Contract, pursuant to ITT Clause 30, and furnishing the performance security, pursuant to ITT Clause 31.

13.7 The Earnest Money Deposit may be forfeited:

(a) If a Tenderer (i) withdraws its tender during the period of tender validity specified by the Tenderer on the Tender Form; or

(b) In case of a successful Tenderer, if the Tenderer fails:

(i) To sign the Contract in accordance with ITT Clause 30; or

(ii) To furnish performance security in accordance with ITT Clause 31.

Refund of EMD:

The EMD money will be kept in the central pooling account until the tender is awarded to the successful bidder.

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the Contractor registered in the e-Procurement system.

14. Period of Validity of Tenders

14.1 Tenders shall remain valid for 180 days after the deadline for uploading of tenders prescribed by the Purchaser, pursuant to ITT Clause 17. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.

14.2 In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable or telex or fax). The earnest money deposit provided under ITT Clause 13 shall also be suitably extended. Tenderers may refuse the request without forfeiting its earnest money deposit. Tenderers granting the request will not be required nor permitted to modify their tender.

15. Format and Signing of Tender

15.1 The Tenderer shall upload the tender along with all the requisite documents through e –tendering system by using User ID and digital signature on Technical and Financial Bids.

15.2 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the tender.

15.3 The Tenderer shall furnish information as described in the Form of Tender on commissions or gratuities, if any, paid or to be paid to agents relating to this Tender, and to contract execution if the Tenderer is awarded the contract.

15.4 Deleted

D. Submission of Tenders

16. Sealing and Marking of Tenders / Uploading

16.1 The Tenderers shall upload the Tender through e – tendering system only. No other mode of submission is permitted.

16.2 The Tender shall:

(a) Be addressed to the Purchaser at the following address:

The Managing Director,
Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,
Bangalore– 560010.

(b) Bear the Project Name, the Invitation for Tenders (IFT) title and number.

16.3 In addition to the identification required in Sub Clause 16.2, the tenderer shall provide the name and address of the Tenderer to make any further correspondence.

16.4 Telex, cable or facsimile tenders will be rejected.

17. Deadline for uploading of Tenders

17.1 Tenders must be uploaded by the Tenderers no later than the time and date specified in the Invitation for Tenders (Section I) on the e-procurement portal.

17.2 The Purchaser may, at its discretion, extend this deadline for uploading of tenders by amending the tender documents in accordance with ITT Clause 5, in which case all rights and

obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the deadline as extended.

18. Late Tenders

18.1 Tenders cannot be uploaded by the tenderers after the deadline for uploading of tenders (on the e –procurement portal) prescribed by the Purchaser, pursuant to ITT Clause 17.

19. Modification and Withdrawal of Tenders

19.1 Deleted.

E. Tender Opening and Evaluation of Tenders

20. Opening of Tenders by the Purchaser

20.1 Opening of First Cover of all Tenderers and evaluation to determine qualified Tenderers by the Purchaser:

20.1.1 The Purchaser will open/unlock the First Covers of all tenderers uploaded through e-tendering system, in the presence of Tenderers' representatives who choose to attend, as per tender schedule mentioned in page one.

20.1.2 Deleted.

20.1.3 The Purchaser will prepare minutes of the tender opening.

20.1.4 The Purchaser will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 1.1, 11 and 12 (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause 13 and meets the qualification criteria stipulated in Section VII. The Purchaser will draw out a list of Qualified Tenderers.

20.2 Opening of Second Cover (Financial Bid) of Qualified Tenderers:

20.2.1 The Purchaser will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid by Tender Acceptance Authority which could be viewed automatically by the respective technically qualified tenderers. In this regard no separate intimation shall be made by the Purchaser.

21. Clarification of Tenders

21.1 During evaluation of tenders, the Purchaser may, at its discretion, ask the Tenderer for a clarification of its tender including the breakup of unit price. The request for clarification and the response shall be in writing and no change in prices or substance of the tender shall be sought, offered or permitted.

22. Preliminary Examination

22.1 The Purchaser will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order. Tenders from Agents, without proper authorization from the manufacturer as per Section XIII, shall be treated as non-responsive.

22.1.1 Deleted.

22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the supplier does not accept the correction of errors, its tender will be rejected and its EMD may be forfeited.

22.3 Deleted.

22.4 Prior to the detailed evaluation, pursuant to ITT Clause 23, the Purchaser will determine the substantial responsiveness of each tender to the tender documents. For purposes of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the tender documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 6), Warranty (GCC Clause 14), Force Majeure (GCC Clause 24), Limitation of liability (GCC Clause 28),

Applicable law (GCC Clause 30), and Taxes & Duties (GCC Clause 32) will be deemed to be a material deviation. The Purchaser's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

22.5 If a tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Tenderer by correction of the non-conformity.

23. Evaluation and Comparison of Tenders

23.1 Deleted.

23.2 The Purchaser's evaluation of a tender will exclude and not take into account:

(a) Deleted.

23.3 The Purchaser's evaluation of a tender will take into account, in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

For overseas bids in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered up to CIF/ CIP India, however taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

(a) Cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination;

(b) Delivery schedule offered in the tender;

(c) Deleted.

(d) The availability in India of spare parts and after-sales services for the equipment offered in the tender;

(e) Deleted

(f) The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as technically Non-Responsive.

23.4 Pursuant to ITT Clause 23.3, one or more of the following evaluation methods will be applied:

(a) *Inland Transportation, Insurance and Incidentals*:

(i) Inland transportation, insurance and other incidentals for delivery of equipment to the final destination as stated in ITT Clause 9.2 (iii).

The above costs will be added to the tender price.

(b) *Delivery Schedule*:

(i) The Purchaser requires that the equipment under the Invitation for Tenders shall be delivered within 90days [Date of issue of order,Supply,Installation,Commissioning & Training] as specified in the Schedule of requirements. The estimated time of arrival of the equipment at the project site should be calculated for each tender after allowing for reasonable transportation time. Treating the date as per Schedule of requirements as the base, a delivery "adjustment" will be calculated for other tenders at 2% of the ex-factory price including excise duty for each month of delay beyond the base and this will be added to the tender price for evaluation. No credit will be given to earlier deliveries and tenders offering delivery beyond **2** months of stipulated delivery period will be treated as non-responsive.

(c) *DELETED.*

(d) *Spare Parts and After Sales Service Facilities in India*:

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined elsewhere in the tender documents, if quoted separately, shall be added to the tender price.

(e) 12 months of warranty period for the supplied items.

24. Contacting the Purchaser

24.1 Subject to ITT Clause 21, no Tenderer shall contact the Purchaser on any matter relating to its tender, from the time of the tender opening to the time the Contract is awarded. If the tenderer wishes to bring additional information to the notice of the purchaser, it should do so in writing.

24.2 Any effort by a Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison or contract award may result in rejection of the Tenderer's tender.

F. Award of Contract:

25. Post qualification

25.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Tenderer that is selected as having uploaded the lowest evaluated responsive tender meets the criteria specified in ITT Clause 11.2 (b) and is qualified to perform the contract satisfactorily.

25.2 The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications uploaded by the Tenderer, pursuant to ITT Clause 11, as well as such other information as the Purchaser deems necessary and appropriate.

25.3 An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.

26. Award Criteria.

26.1 Subject to ITT Clause 28, the Purchaser will award the Contract to the successful Tenderer whose tender has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

27. Purchaser's right to vary Quantities as per KTPP

27.1 The Purchaser reserves the right to increase or decrease by up to 25 percent of the quantity of equipment and services originally specified in the Schedule of requirements without any change in unit price or other terms and conditions as per KTPP Act.

28. Purchaser's Right to Accept Any Tender and to Reject Any or All Tenders

28.1 The Purchaser reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

29. Notification of Award

29.1 Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its tender has been accepted.

29.2 The notification of award will constitute the formation of the Contract.

29.3 Upon the successful Tenderer's furnishing of performance security pursuant to ITT Clause 31, the Purchaser will promptly notify the name of the winning Tenderer to each unsuccessful Tenderer and will discharge its earnest money deposit, pursuant to ITT Clause 13.

29.4 If, after notification of award, a Tenderer wish to ascertain the grounds on which it's tender was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Tenderer.

30. Signing of Contract

30.1 At the same time as the Purchaser notifies the successful tenderer that its tender has been accepted, the Purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

30.2 Within 15 days of receipt of the Contract Form, the successful Tenderer shall sign the Contract and return it to the Purchaser.

31. Performance Security

31.1 Within 10 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.

31.2 Failure of the successful Tenderer to comply with the requirement of ITT Clause 30.2 or ITT Clause 31.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

32 Corrupt or Fraudulent Practices

32.1 The Government requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

(a) Defines, for the purposes of this provision, the terms set forth as follows:

(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Tenderers (prior to or after tender uploading) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

32.2 Further, more Tenderers shall be aware of the provision stated in sub-clause 4.4 and sub-clause 23.1 of the General Conditions of Contract.

SECTION-III: GENERAL CONDITIONS OF CONTRACT

<u>TABLE OF CLAUSES</u>

Clause

Number Topic

SECTION III – GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

(a) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

(b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;

(c) "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;

(d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

(e) "GCC" mean the General Conditions of Contract contained in this section.

(f) "SCC" means the Special Conditions of Contract.

(g) "The Purchaser" means the organization purchasing the Goods, as named in SCC.

(h) "The Purchaser's country" is the country named in SCC.

(i) "The Supplier" means the individual or firm supplying the Goods and Services under Contract.

(j) "The Government" means the Government of Karnataka State.

(k) "The Project Site", where applicable, means the place or places named in SCC.

(l) "Day" means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

4. Use of Contract Documents and Information; Inspection and Audit by the Government

4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any document, other than the Contract itself, enumerated in GCC Clause 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so, required by the Purchaser.

4.4 The supplier shall permit the Government to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government, if so, required by the Government.

5. Patent Rights

5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

6. Performance Security

6.1 Within 15 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of **5%** of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period. This Performance Security will carry no interest on being discharged.

6.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

6.3 The Performance Security shall be denominated in Indian Rupees and shall be in the following form:

(a) A cashier's cheque or Banker's certified cheque, or crossed demand draft or pay order drawn in favor of the Purchaser.

6.4 The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance

obligations, including any Warranty obligations, under the Contract and following receipt of a performance guarantee for 2.5% of the contract value excluding Comprehensive Maintenance Services cost towards guarantee for Comprehensive Maintenance Services as stated in clause of SCC.

6.5 In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

7. Inspections and Tests

7.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.

7.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser. All the travel and accommodation for the inspection team shall be borne by the Bidder.

7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

7.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

7.5 Nothing in GCC Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

7.6 Supplier / manufacturer must meet all the technical specifications and produce the test Certificates if requested in scheduled requirements “technical specifications”. The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as Technically Non-Responsive.

7.7 Manuals and Drawings

7.7.1 Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals, circuit diagrams together with equipment. These shall be in such detail as will enable the Purchaser to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.

7.7.2 The manuals and drawings shall be in the ruling language (English) and in such form and numbers as stated in the contract.

7.7.3 Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

7.8 Acceptance certificates;

7.8.1 On successful completion of acceptability test, receipt of deliverables and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the supplier and the representative of purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

7.8.2 The operational and maintenance training as per clause 4 of special condition of contract shall be conducted on the dates mutually agreed.

8. Packing

8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

8.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

8.3 Packing Instructions: The Supplier will be required to make separate packages for each Consignee. Each Package will be marked on three sides with proper paint/indelible ink the following:

i) Supplied by ----------------------------- under (name of the Programme), ii) Contract No., iii) Suppliers Name and, iv) Packing List Reference number.

9. Delivery and Documents:

9.1 Delivery of the Goods shall be made within 60 days by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC. The goods should be delivered, installed, demonstrated and get the working satisfactory certificate from the end users and the same shall be submitted to this office.

10. Insurance

10.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War risks and Strikes.

11. Transportation

11.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as Project site, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.

12. Incidental Services

12.1 The supplier shall be required to provide any or all of the following services, including additional services, if any, specified in SCC:

(a) Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;

(b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;

(c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

(d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

12.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

13. Spare Parts

13.1 As specified in the SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a) such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

13.2 The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but, in any case, within 1 month of placement of order.

14. Warranty

14.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

14.2 This warranty shall remain valid for 12 months from date of commissioning or 18 months date of supply to GTTC.

(a) Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC clause 4; OR

(b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be as specified in the Technical Specifications.

14.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

14.4 Upon receipt of such notice, the Supplier shall, within the period of 2 days (excluding journey period) and with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 36 months.

14.5 If the Supplier, having been notified, fails to remedy the major fault within 7 days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

14.6 The Supplier shall guarantee a 90% uptime of equipments.

14.7 If any equipment gives continuous trouble, say three times in a month during the Warranty period, the Supplier shall replace the system(s) with new system(s) without any additional cost to the Purchaser.

14.8 Maintenance Service:

(i) Details of Service Center in Karnataka and contract person for maintenance should be provided.

(ii) Free maintenance services shall be provided by the Supplier during the period of warranty.

(iii) The maximum response time for maintenance complaint from any of the destinations specified in the Schedule of requirements (i.e. time required for supplier's maintenance engineer to report at the installation after a request call/telegram is made or letter is written) shall not exceed 2 days (excluding journey period).

(iv) It is expected that the average downtime of the item of equipment will be less than half the maximum downtime (i.e. defined as number of days for which an item of equipment is not usable because of inability of the supplier to repair it) as mentioned in the form of technical details. In case an item is not usable beyond the stipulated maximum downtime the supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for a penalty of Rs100 per day. The amount of penalty will be recovered from the Performance Security guarantee during warranty period. During comprehensive maintenance contract period, the penalty of Rs100 per day will be recovered from the 5% of Performance Security Guarantee charges.

(v) Deleted

15. Payment

15.1 The payment will be made in Indian rupees against submission of acknowledgements, installation report and stock certificates from the respective consignees.

15.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, uploaded pursuant to GCC Clause 9, and upon fulfillment of other obligations stipulated in the contract.

15.3 Payments shall be made as early as possible after successful installation and commissioning and functioning of equipments.

15.4 Deleted.

6. Prices

16.1 Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

17. Change Orders

17.1 The Purchaser may at any time, by written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipping or packing;

(c) The place of delivery; and/or

(d) The Services to be provided by the Supplier.

17.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

18. Contract Amendments -Advisory No.15

18.1 Subject to GCC Clause 17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

Advisory No.15

1.Tripartite Agreement between Smart Cities SPV, Government Line Departments / Agencies and the Prospective Bidder in smart city projects.

Smart city SPVs have appointed Project Management Consultants (PMCs) to assist Cities in design, development, implementation and management of Smart City Projects as per Smart Cities Mission Guidelines. It has been observed that for certain projects, the respective line departments / Government agencies in the city posses strong technical expertise and execution capabilities which can be leveraged in executing Smart Cities projects faster, instead of depending solely upon the PMC. Moreover, in cities where

there is no PMC, or the domain expertise is not available with them, the line departments / Government agencies can support the project development efforts of the SPV.

2.Considering the challenges that some of the Cities are facing due to lack of capacity in Project design, execution, and supervision, it is advised that for execution of specific projects which have been pending for implementation, the respective cities may explore arrangement of an appropriate Triparties Agreement between the SPV, Government line department / agency and prospective Bidder for the project. The salient features of such an arrangement may be as under.

i. Project may be identified through joint meeting of SPV and Government line department / agency as per the Smart Cities Proposal (SCP) / Mission Guidelines / circulars / Oms / New Project as approved by SPV Board.

ii. Such projects may be as per the delegations of power of the SPV. Thereafter, the SPV may issue administrative and financial sanction to the project.

iii. On receiving administrative and financial sanction of SPV, the Government line department / agency shall prepare the estimate and DPR if required, and put up for vetting and technical sanction of SPV. The estimate should be in consonance with SCP and include smart cities features as per the mission guidelines.

iv. After SPV's technical sanction, the Government line department/ agency may take up tender process management and supervision of the project. The SPV approval is necessary for placement of the work order on the contractor and for variations, if any.

v. A draft tripartite agreement should be drawn under approval of the SPV and be part of the tender document for each such projects which will be awarded to the successful bidder.

vi. The Government line department / agency shall ensure effective and efficient implementation of the project including supervisions, quality control arrangement & mechanism adhering to the rules of financial proprietary and schedule of powers and should submit monthly progress report to the SPV.

vii. SPV should, at all times, have the power to monitor and supervise implementation of the project in accordance with contract conditions and give such directions to the Government line department / agency as may be necessary for this purpose.

viii. SPV should ensure that the Government line department /agency maintain complete records of works for the purpose of inspection of any agency authorised by SPV/ State Government / Government of India.

ix. There shall not be any transfer of funds from SPV to Government department / agency. The payments should be disbursed directly by the SPV to the contactor on completion of each milestone as per the terms of the tender. The Government line department/ agency shall check and verify contractor's bills as per the standards of financial rules & schedule of power and submit to SPV for payment.

x. The Government department / agency shall maintain the created / developed assets during Defects Liability Period (DLP) or handover of possession to any agency designated by the SPV.

xi. The Smart Cities may decided upon reasonable supervision charges, if required that may be paid to the Government Department / Agency under such arrangement.

xii. The selected Bidder shall follow all terms & conditions of bid documents & the agreement entered into with the Government line department / agency. It shall

ensure timely execution of work as per scope and specifications, within all quality control measures.

xiii. The selected Bidder should keep and maintain site record and allow inspection by any authorized persons /authority and provide full assistant during inspection.

3. This advisory is aimed at reducing time lag in issuing tenders and implementation supervision, thereby facilitation faster and sustainable implementation of the projects, ultimately helping in the success of the Mission program. While formalizing this arrangement, SPV may ensure adequate safeguard to ensure strict adherence to the SCM Guidelines and Prevent any potential issues that can arise between the involved parties with regard to interpretation. The Smart Cities may take necessary measures accordingly, in adopting this advisory.

19. Assignment -Agreement

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

Agreement-Memorandum of Understanding [MoU]

Draft Tripartite Agreement

Name of Project:Development of Training Infrastructure facilities at Government Tool Room & Training Centre [GTTC],Belagavi Centre

Implementing Agency (Authority): Government Tool Room & Training Centre [GTTC],Bangalore

Funding Agency: Belagavi Smart City Limited.,Belagavi

System Integrator:

TRI-PARTITE PROJECT DEVELOPMENT AND IMPLEMENTATION AGREEMENT

This Tri-Partite Project Development and Implementation Agreement (Agreement) is entered into on this the ___day of _________, 2020 at Belagavi

AMONGST

Belagavi Smart City Limited [BSCL], which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

Government Tool Room & Training Centre [GTTC],Bangalore is registered society under Karnataka State Societies Act, GTTC is administratively governed by Skill Development Entrepreneurship & Livelihood Department,GoK, which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

____________________, a company incorporated under the provisions of the Companies Act, [1956/2013] and having its registered office at __________________________, (hereinafter referred to as the Vendor which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Other Part.

WHEREAS:

A. BSCL will monitor the development of training infrastructure facilities at GTTC, Belagavi

B. GTTC would review and certify the work conducted by vendors. GTTC would decide regarding all technical aspect of the work.

C. **BSCL** shall pay to the vendors with respect to various payment milestone mentioned in the agreement.

D. Accordingly, the **GTTC** had invited proposals by its "**Request for Proposal**" or "**RFP**" for the selection of vendor on ------------, 2020prescribing the technical and commercial terms and conditions for selection of Bidders for undertaking for development of infrastructure facilities at GTTC,Belagavi. In this regard, **Authority** had received proposals from certain bidders including, inter alia, the consortium comprising M/s ________________________and M/s_________________(collectively the "**Consortium**") with M/s ____________________________as its lead member (the "**Lead Member**").

E. After evaluation of the Proposal received, bidders and the GTTC had accepted the bid of the bidder for development of infrastructure facilities at GTTC,Belagaviand issued its Letter of Award No. ______________________dated _____________ (herein after called the "**LOA**") to the ["**Selected Bidder**"] requiring, inter alia, the execution of this Agreement.

F. BSCL and GTTC has agreed to the said request of the bidder, and has accordingly agreed to enter into this Tri-Partite Project development of infrastructure facilities at GTTC,Belagavifor execution of the Project, subject to and on the terms and conditions set forth hereinafter.

G. BSCL and GTTC acknowledges that simultaneously with the execution of this Agreement, the Vendor has submitted Performance Security for the amount and in the manner set out in ITB 45.

NOW, THEREFORE, in consideration of the foregoing and the respective covenants and agreements set forth in this Tri-Partite Project Development and Implementation Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as per Section 9 Contract Forms.

20. Subcontracts

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in his original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contracts shall be only for bought out items and sub-assemblies.

20.2 Subcontracts must comply with the provisions of GCC Clause 2.

21. Delays in the Supplier's Performance

21.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Schedule of requirements.

21.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

21.3 Except as provided under GCC Clause 24, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of liquidated damages.

22. Liquidated Damages

22.1 Subject to GCC Clause 24, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to **0.5%** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery (if delay is exceed more than 7 days it will be considered as 2 weeks for calculation of penalty) or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 23.

23. Termination for Default

23.1 The Purchaser shall, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

(a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 21; or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

(c) If the Supplier, in the judgement of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid uploading) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

23.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 23.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

24. Force Majeure

24.1 Notwithstanding the provisions of GCC Clauses 21, 22, 23, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

24.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

24.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

25. Termination for Insolvency

25.1 The Purchaser shall at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

26. Termination for Convenience

26.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

26.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

27. Settlement of Disputes

27.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

27.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

27.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

All legal claims shall be at Purchaser's Jurisdiction in Belagavi only

27.3 Notwithstanding any reference to arbitration herein:

(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) The Purchaser shall pay the Supplier any monies due to the Supplier.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 5,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing Language

29.1 The contract shall be written in English language. Subject to GCC Clause 30, English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.2 Indian manufacturer/ suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.\

32.3 Bidders from overseas countries shall be entirely responsible for all taxes, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION - IV: SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Section: IV- Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. Definitions (GCC Clause 1).

a) The Purchaser is Managing Director, Government Tool Room & Training Centre,Bangalore.

b) The Supplier is individual or firm supplying. Goods and Services under this contract.

2. Inspection and Tests (GCC Clause 7).
The following inspection procedures and tests are required by the Purchaser:

1) Pre-dispatch inspection of the equipment at Manufacturing unit as decided by Managing Director, Government Tool Room & Training Centre, Bangalore or a representative from Government Tool Room & Training Centre, as already mentioned in ITT clause 23.3 (f).

2) Inspection by GTTC end user and team of experts appointed by Government Tool Room & Training Centre, on site as per specifications.

3. Delivery and Documents (GCC Clause 9) Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/telex/fax the full details of the shipment including contract number, railway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall submit the following documents to the purchaser with a copy to the insurance company:

(i) Four Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount along with acknowledgement and stock certificate from the respective consignees.
(ii) Railway receipt/acknowledgment of receipt of goods from the consignee(s).
(iii) Four Copies of packing list identifying the contents of each package.
(iv) Insurance Certificate
(v) Manufacturer's/Supplier's warranty certificate.
(vi) Inspection Certificate issued by the nominated inspection agency, end user and the Supplier's factory inspection report, and
(vii) Copy of Bill of entry or Bill of landing for imported equipments

The above documents shall be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

4. Incidental Services (GCC Clause 12)

The following services shall be furnished and the cost shall be included in the contract price:

(a) Unloading, safe storage and handling of the consignment at site.

(b) Performance of the on-site assembly, commissioning and start-up of the equipment.

(c) Furnishing the detailed operation and maintenance manuals for each items of supply at each location.

(d) Training of the Purchaser's personnel at the installation site.

(e) Deleted

(f) Deleted

(g) Deleted

(h) Deleted

(i) Deleted

5. **Payment (GCC Clause 15)**

(a) For equipments:

(i) Deleted.

(ii) Deleted.

Payment will be made after the receipt of Equipments, satisfactory installation and commissioning, training and certified by the concerned HOD.

6. Settlement of Disputes (Clause 27)

The dispute settlement mechanism to be applied pursuant to GCC Clause 27.2.2 shall be as follows:

(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996, by a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the President of the Institution of Engineers (India). A certified copy of the appointment Order shall be supplied to each of the Parties.

(b) Arbitration proceedings shall be held at Bangalore Karnataka, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

(c) The decision of the arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings shall be borne by each party itself.

[d]

7. Notices (Clause 31)

For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

Purchaser:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,

Bangalore– 560010

Supplier: (To be filled in at the time of Contract signature)

……………………………………

……………………………………

……………………………………

8. **Progress of Supply:**

Supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:

- Quantity offered for inspection and date;
- Quantity accepted/rejected by inspecting agency and date;
- Quantity dispatched/delivered to consignees and date;
- Quantity where incidental services have been satisfactorily completed with date;
- Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract

(In case of stage-wise inspection, details required may also be specified).

9. Right to use defective equipment:

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the Purchase shall have the right to continue to operate or use such equipment until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser’s operation.

10. Supplier Integrity:

The supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

11. Supplier's Obligations:

The Supplier is obliged to work closely with the Purchaser's staff, act within its own authority and abide by directives issued by the Purchaser and implementation activities.

The Supplier will abide by the job safety measures prevalent in India and will free the Purchaser from all demands or responsibilities arising from accidents or loss of life the cause of which is the Supplier's negligence. The Supplier will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.

The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.

The Supplier will treat as confidential all data and information about the Purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of the Purchaser.

12. Patent Rights:

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.

13. Site Preparation and Installation:

The purchaser / consignee will designate the installation sites before the scheduled installation date to allow supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the equipments.

14. Equipment Installation:

The supplier is responsible for all unpacking, assembling, wiring, installation, cabling between equipment and power supply. The supplier will test all equipment operations and accomplish all adjustments necessary for successful and continuous operation of the equipment at all installation sites.

15. Equipment Maintenance:

Deleted

16. Training:

For each unit of equipment installed, the supplier is required to train designated purchaser's / consignee's technical and end user personnel to enable them to effectively operate the equipment. The training schedule will be agreed by both purchaser and consignees and the supplier during the performance of the contract.

17. Technical Documentation:

The technical documentation involving detailed operation and maintenance shall be delivered with every unit supplied. The language of the documentation shall be in English.

SECTION-V SCHEDULE OF REQUIREMENTS

PART – I

Note:

1.: The EMD's shall be submitted through electronic transfer as per ITT clause –7 (page -13) on or before the due date for submission of tender, as per Tender Schedule.

2. The equipments quoted should have the approval of all the competent authorities, and should have F.D.A/C.E.,/ A.E.R.B/ ISO documents, relating to the approval should be uploaded.

Delivery Schedule: Supply and commissioning at the site within **90**daysfrom the date of issue of Supply Order.

The consignee list:

To be installed and commissioned at Government Tool Room& Training Centre[GTTC]Udyambag Industrial Estate, Belagavi, Karnataka on Behalf The Managing Director, Government Tool Room & Training Centre[GTTC] Rajajinagar Industrial Estate,Bangalore– 560010

1. 3D Printing Lab, - Qty – 1no.

Sl.no.i
DIRECT METAL LASER SINTERING (DMLS) SYSTEMS

Sr.No.	Specification	Description
1	General Spec to meet	• **Digital Manufacturing systems of latest specifications to deliver metal prototypes and Tooling using additive fabrication technique. The process should able to sinter metal powder and should be free from nonmetallic binders.** • **All parts which are integral of the machine should be CE Certified. Information should be clearly stated in technical bid on locally purchased items.** • **The offered machine shall be capable of building wide range of materials like Stainless Steels and cobalt chrome.** • **Machine quoted shall be from the standard range of production of the firm and the quoted model including any recent upgrade shall be in the market minimum for the last 3 years.**
2	**Machine Type**	Laser based Metal Additive Manufacturing Machine
3	**Name of the process**	Powder Bed Fusion Process
4	**Build Method**	Layered manufacturing using metallic powder melting with high power laser.
5	**Build Envelope**	Capability to build the parts of (100 x 100 x 80mm) and above
6	**Layer Thickness**	between 10µm to 100µm Preset 30 µm
7	**Layering Process**	Should be bi-directional layering for increasing productivity with roller pressing system for better surface quality as well to get good density.
9	**Variable thickness**	Machine should be controlled variable layer thickness
10	**Repeatability of parts**	X = 20 µm, Y = 20 µm, Z = 20 µm
11	**Typical Accuracy**	± 0.1 - 0.2 % with layer thickness ± 50 µm
12	**Min. wall thickness**	150 µm
13	**Powder Management**	External
14	**Surface Finish**	Ra 5 µm
Laser Features/Capabilities		
15	**Laser Power**	100W or higher
16	**Type of Laser**	Fiber Laser
17	**Material Deposition**	Roller
18	**Electrical Requirements**	230V / 2.7 KVA / Single phase
19	**Compressed Air Requirement**	6-8 bar Compressed Gas consumption (0.1m³/hr)
20	**Gas Requirements**	Nitrogen or Argon, 6-8 bar.
21	**Water Cooling**	Chiller supplied with printer
22	**Software Tools**	• One software solution for metal additive manufacturing. • Since metal parts needs support beyond a certain angle different supporting methods like Angle support, Gap support, Volume support and teeth support are needed for freedon of part orientation and production to build every kind of geometry and for faster data preparation. All these supports details and advantages should be demonstrated during the

		technical evaluations. • Also the data software should have the following information which should be demonstrated by the vendor during technical evaluation. Calculation of time – Build platform position – collector position – platform temperature – exposure area – recoating time – Oxygen concentration – Argon hold/fill details – laser status – laser position monitoring – machine maintenance status – scanner referencing position and repeatability – report all changes during job for QA – Mileage counter of recoater axis – job quality report – part quality report – also in case of errors/warnings, identification of which parts could be affected should be indicated-provide statistical reports on errors and material changes. • The process software should be able to have the following: - Laser Power Monitoring system to check the laser power for every nth layer and reporting option of the laser quality via a QC software – Reference point calibration for building on performs – • **<u>Design Environment</u>** • Hybrid kernel for **Solid** (b-rep), **Mesh** and **Lattice** • Parametric and history based as well as direct modeling • 3DP dedicated tools, analysis and simulation • Professional metal-dedicated supports analysis and creation **<u>Shape Optimization & Lattice</u>** • Geometry-stress for design-optimization, FEA based, volume and infills • Medical and surface micro lattice structures • Hybrid CAD based design • Pre-printing preparations • Shape optimization (lattice) • Printing strategies control • Proven slicing capabilities and scan path verification • Post-printing operations • **Design aware slicer**' as part of the designer tools and workflow • **Cutting edge and full user control** over build process parameters and printing strategies • **Build as designed** – pre and post printing simulation, verification and inspection • **Post processing** – NC programming, including support removal, surface milling, drilling, shape inspection, documentation, drafting, PMI, PLM connectivity **<u>Effective Lattice Design:</u>** • Cell patterns • Random, stochastic and trabecular surface patterns • User defined • Nodes & connectors • Export/import • Printable • Extremely fast • Low memory • Fully parametric (variable controlled density) • **Special slicing**

		3D Zoning: • Users define any not-printed solid shape • The intersection with the part defines a volume and a desired printing technology • Multiple definitions can be defined in different areas • Software should automatically merges all zones to a single scanpath. – Variable offset to connect different laser technologies – Bricks pattern along Z – Variable XY offsetting between technologies per layer
23	**Materials**	SS 316, 17 -4 PH, CoCr (B), CoCr (C)
24	**Mechanical Properties of built material**	• The mechanical properties of build shall be near to original material standard properties. Key properties aare yield strength, UTS, % elongation, hardness, density etc. • Complete data sheet should be provided of the laser sintering part properties.
25	**Min feature size**	100 μm
26	**Real time monitoring**	**Optional, Automatic data recording**
27	**Control Software**	DMP Software Suite
28	**Input Data File Formats**	All CAD Formats, e.g.IGES, STEP, STL, native read formats incl PMI data, all Mesh Formats.
29	**Network Type and Protocol**	Ethernet 1 Gbps, RJ-45 Plug
30	**Environment and other infrastructure requirements**	Dehumidifier, compressor, UPS, and 99.998 Argon bottles to run reactive materials if needed. Vacuum cleaner and liquid filled Vacuum cleaner for reactive materials.
31	**Training needs including post equipment operation**	3 days of training
32	**Technical support extent and convenience**	Complete OEM trained Technical support team from the manufacturer in India. To provide the resume of the support staff in india in the format provided in the tender with a copy of his certification to support the metal machines.
33	**Essential Spares**	Maintenance parts needed should be provided for 2 years with the manufacturer service person to provide service every 6 months for 2 years.
34	**Manufacturer's credentials**	• Own office in India atleast for 3 years • Should have atleast 3 no. of metal 3D printer in anymodel installed in India/globally details to be provided. • Support for this model available in India • Technical Helpline Support in India to be mentioned.
35	**OEM/Vendor credentials**	• The OEM should be a company which provides the total solution by having R&D, Development and Production of System, Software(should not be a third party it should be developed own by OEM), materials, process and Quality controls. • Machine supplied should have factory certificate issued as per ISO 9001 standards, sample factory certificate should be

		attached with the technical bid.
36	**Security towards machine**	• Door locking security • Temperature controller in process chamber • Safety against laser beam exposure • Safety against inert gas • Monitoring System for inert gas • Monitoring system for Oxygen • Monitoring System for humidity if required • Safety for anti-collision towards the built and support structure • Movement of build platform along Vertical/Laser source axis • Monitoring system for vacuum limit • Monitoring system for air pressure limit • Motion control of motors and other subsystem specific to the equipment • Non-contact powder handling and if any.

Industrial Plastic 3D Printing Machine, Qty. – 1no.	
Technology	High through put 3D printer for functional and precise plastic parts. The plastic parts should be made from an ultraviolet light curable material that is Jetted onto a support tray/ material. The Material should be phase change which should droplet control for sharper accurate &smoother surface. Technology should not be laser-based.
	The Printer should faithfully render feature such as sharp corners, tips and edges.
Printer Resolution	800x900x750DPI, 32 microns.
Part Accuracy	± 0.1 mm
Part Quality	Smooth Surface quality (Ra 10 micron), Sharp Edges and Corners, Crisp Details, hollow parts and Part Stability

Build Materials	The 3d printer should be able to fabricate designs using a variety ofhigh quality and durable plastic materials with good temperature stability. The following are necessary 1. Rigid Plastic Materials-White, Black, Grey, transparent, translucent. 2. PP Like material. 3. Elastomericmaterial
Support Material	Material Should be easy melt away.
Build Size (xyz)	Build Volume should be 290X210X140 mm and above.
Post Print Requirements	Hands free support removal systems. There should not any dedicated plumbing &mechanical washing or usage of caustic solution involved. Wax like support which can be easily removed even from internal hollow structure.
Printer software	Should be capable to import STL, CTL, PLY,OBJ,3DS,STEP,IGES,AMF format. Easy to use and intuitive software, provide help with build optimization tools and part stacking and nesting capability. Software should allow users to create spars fill within solid part and drain the support inside. File repairing capability, Print queue management. Software License to be perpetual with free updates.
Other requirements	*Should be compatible for use in a laboratory setting *Printing process should be user-friendly *Should meet environmental standards as per Govt. of India norms *Noise levels compatible for use in a laboratory setting and should be<80 Dba*Should be compatible with the Windows Operating systems: Windows 7or greater. *CE Certification *Electrical:220V, 50Hz

Configuration	Should be easy to assemble and de-assemble allowing student to learn about basic construction and assembly of 3 D printers. Assembled 3 D printer should also used for producing 3D prints.
Printing Technology	FDM (Fused Deposition Modelling)
Building size:	220*220*250mm / 8.6×8.6×9.8 inches
No. of Extruders	Single
Nozzle Diameter	0.4mm
Max Travelling Speed:	180mm/s
Layer Thickness:	0.1~0.4mm
Max. Nozzle Temp	255℃

Max Hotbed Temperature	110℃
Filament	ABS/PLA, TPE, Carbon fiber
Precision	±0.1mm
Connectivity	USB cable, online compatible or micro-SD
File Format:	OBJ, G-Code, STL(in CURA converted to G-Code)
Print Models	Should have all-round protection to 3D printer build plate and ensure consistent temperature throughout the build surface. Easy to remove the printing models after cooling. Should have resume printing last recorded extruder position.
Operating Voltage	230 V

DIY 3D Printer - Qty- 10Nos.

Handheld 3D Scanner - Qty. – 10nos.

Scan Type	Color Camera based
Resolution of Image	1920 x 1080p at 30fps
Scan Range (W x D x H)	5 x 5 x 5 ~ 100 x 100 x 200 cm
Scan Resolution	~ 1.0 – 2.5 mm
Field of View	30 – 80 cm and above
Scanner to Target Depth	30 – 50 cm

Hardware Connectivity:	USB 3.0 Cable
Output File Types:	.OBJ, .PLY, .STL, .FBX
Application	Quickly create 3D models for 3D Printing, historical purposes, 3D game development, Virtual Reality and Augmented Reality

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

SECTION - VII : QUALIFICATION CRITERIA

(Referred to in Clause 11.2(b) of ITT)

1. (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar**[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER]** to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)

(b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:

(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the

same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)

(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar **[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER]**to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)

If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

2. The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.

3. The following routine test (final test) needs to be done on all products, which are ready to dispatch. The test report should be made available for inspecting authorities for checking

Valid Certificate as prescribe in the Technical specification is mandatory.

Hands on training for operation and maintenance by the supplier is mandatory

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. The average annual financial turnover of the bidder should be, not less than Rs. **976.00** Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

7. Bidder shall quote for all the item. Partial quote is not accepted.

8. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC, Belagavi centre, as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

9. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 5% of basic order value as performance security

10. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required.

11. Payments terms: (i)Eighty(80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 05% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

SECTION – VIII

TENDER OFFER FORM

Date :.......................................

IFT No:

To:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

Having examined the tender documents in connection with the Supply of below goods called in this tender to your department for the year _________ called by you, I / We, the undersigned offer to supply and deliver the above said items in conformity with the terms and conditions of the tender at the rates quoted in the price bid if the contract is awarded in my / our favour.

Sl. No.	Name of the Equipment	Model Quoted	Remarks

I / We undertake if our quotation is accepted, I / We will enter into contract to deliver the goods in accordance with the delivery schedule. I / We agree to abide by this tender for the specified period.

I / We undertake to deposit Security Deposit amount in accordance with the terms and conditions of the tender if our offer is accepted. I / We understand that you are not bound to accept the lowest or any quotations you may receive. We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of requirements.

If our tender is accepted, we will obtain DD towards performance security guarantee of a bank a sum equivalent to 5 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.We agree to abide by this tender for the Tender validity period specified in Clause 14.1 of the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per ITT Clause 1 of the tender documents.

Dated this .... day of .... (year).

______________________________ ______________________________

(Signature) *(In the capacity of)*

TENDER DECLARATION FORM

(Ref. Section II – Clause No. 2.A-8(b))

Ref:- Tender Notification No.

Tender for Supply of EQUIPMENTS for the Year 2018-19.

Format of undertaking to be furnished by the tenderer for having

Accepted the terms & conditions of the tender document.

To,

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

In accordance with the terms and conditions of tender document for supply of **Equipments**for the year 2018-19 (Extendable for three months), I/We have gone through all the terms & conditions and hereby agree to accept and undertake to abide the same.

Further stating that firm is not Black Listed with any Government/Quasi Government Organizations & the documents submitted in Tender are not false/erroneous.

Date Place	Signature ( ) Name in capital Seal of the/company.

Price Schedule format is available in the e-portal as an inbuilt option. Tenderer shall fill up Price Bid Schedule on-line along with other requirements. The split up prices like Unit cost and sales tax shall be uploaded.

PRICE SCHEDULE
Format - VIII/B

Deleted

SECTION-IX DETAILS OF EARNEST MONEY DEPOSITED

From: (Tenderer)

…………………………………

…………………………………

…………………………………

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir

1. We have deposited Earnest Money Deposit of Rs…………………………
(Rupees………………………………………………… only) at approved bank by e-procurement to central pooling account of Government of Karnataka, the details of which are as follows:

(a) Bank & Branch …………………………
(b) Method of remittance and its details ……………………
(c) DD for Rs. bearing no. of

2. We agree that the EMD may be forfeited by the purchaser if we:

(d) Withdraw our tender during the period of tender validity specified by us in the Tender Form (Section VIII);
(e) Do not accept the correction of the Tender Price Pursuant to Clause 22.2 of I.T.T
(f) Do not sign the Agreement within the specified time limit in case we are successful and notification of award has been communicated;
(g) Do not furnish the required Performance Security deposit as required ITT Clause 31.

____

Name of Tenderer

SECTION - X: CONTRACT FORM

THIS AGREEMENT made on the ....day of.................................. (year) between........................... *(Name of purchaser)*of.............. *(Country of Purchaser)* Hereinafter called "the Purchaser" of the one part and..................... *(Name of Supplier)* of......................... *(City and Country of Supplier)* (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz……………………… *(Brief Description of Goods and Services)* and has accepted a tender by the Supplier for the supply of those goods and services in the sum of.............................. *(Contract Price in Words and Figure),* here in after called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

(a) The Tender Form and the Price Schedule uploaded by the Tenderer;

(b) The Schedule of requirements;

(c) The Technical Specifications;

(d) The General Conditions of Contract;

(e) The Special Conditions of Contract; and

(f) The Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which will be supplied/provided by the Supplier are as under:

Sl. No.	Brief Description of Equipments& Services	Quantity to be Supplied	Unit Price	Total Price	Sales Tax If Any	Grand Total	Delivery Terms

TOTAL VALUE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said.. (For the Purchaser)

In the presence of: …………………………

Signed, Sealed and Delivered by the

Said.. (For the Supplier)

In the presence of: ....

SECTION - XI

PERFORMANCE SECURITY FORM

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

WHEREAS... (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No............................. dated, / / to supply of ……………………………..(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Demand Draft as Performance Security by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

WE have hereby enclosed Demand Draft for total amount of.................................. ......(Amount of the Demand Draft Words and Figures) and we undertake to permit you to encase the Demand Draft on default under the Contract and without cavil or argument, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Performance Security is valid until the ....day of..................(year) (Warranty period + CMC period + 60 days).

Signature &Name of the bidder

Date......................

Address:
....
....

SECTION - XI / A

Deleted

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SECTION –XII

(Please refer Section VII Para 1(a))

Proforma for Qualification Criteria for the manufacturer to the extent of 80% in any one of the last three years:2016-17, 2017-18, 2018-19

IFT No:

Name of the Manufacturer:……………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any
1	2	3	4	5	6

Signature and Seal of the Tenderer:--

Note:

1. To be furnished and signed by the Manufacturer, only for any one of the last 3 years.
2. Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
3. Performance of 80% shall be considered for similar type, size and complexity of equipment.

SECTION –XII A

(Please refer Section VII of 1(b)-iii)

Proforma for Qualification Criteria for the Authorized Agents to the extent of 30% in any one of the last three years :2016-17, 2017-18, 2018-19

IFT No:
Name of the Authorized Agent:…………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any	Has the goods/ equipment been satisfactorily functioning. (Attach a Certificate from the Purchaser) *
1	2	3	4	5	6	7

Signature and Seal of the Tenderer: --

Note:

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
2) Performance of 30% shall be considered for similar type, size and complexity of equipment.
3) End user Certificate shall be mandatory along with the proof of supply.
4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

SECTION - XIII

MANUFACTURERS' AUTHORIZATION FORM

(Please see Clause 11.2(a) of Instructions to Tenderers)

No. Date:

To,

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)*do hereby authorize M/s *(Name and address of Agent)* to submit a tender, and sign the contract with you for the goods manufactured by us against the above IFT.

We hereby extend our full guarantee and warranty as per Clause 14 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFT.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

2. This letter of authority should be issued to only one agent irrespective of models for this particular IFT. If found that the letter of authority is issued to more than one firm, all the bids for which the authorizations are given will be considered Non-Responsive. [Refer 7.1.1 (m)]

SECTION - XIV

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

[Refer 7.1.1 (n) of ITT]

IFTNO.

NAME OF THE TENDERER: ....

(Note: All details should relate to the manufacturer for the items offered for supply)

1. Name & full address of the Manufacturer

2. (a) Telephone & Fax No Office/Factory/Works

   (b) Telex No. Office/Factory/Works

   (c) Telegraphic address:

3. Location of the manufacturing factory.

4. Details of Industrial License, wherever required as per statutory regulations.

5. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).

6. Details of the process of manufacture in the factory.

7. Details & stocks of raw materials held.

8. Production capacity of item(s) quoted for, with the existing Plant & Machinery

   8.1 Normal

   8.2 Maximum

9. Details of arrangement for quality control of products such as laboratory, testing equipment etc.

10. Details of staff:

10.1 Details of technical supervisory staff in charge of production & quality control.

10.2 Skilled labour employed.

10.3 Unskilled labour employed.

10.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.

11. Whether Goods are tested to any standard specification? If so, copies of original test certificates should be uploaded in triplicate.

12. Is the Manufacturer registered with the Directorate General of Supplies and Disposals, New Delhi 110 001, India? If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

....

Signature and seal of the Manufacturer

SECTION - XV

PROOF OF SERVICE CENTRE IN KARNATAKA

SECTION - XVI

DECLARATION FOR PERFORMANCE OF QUOTED MODEL

No.   Date:

To

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of*(name and description of goods offered)* having factories at (*address of factory)* do hereby declare that the quoted model______________ is performing satisfactorily for the past 12 months.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of declaration should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

XVII - Document Verification Check list

Tender No.		
To be uploaded by the bidder as per the tender document requirement in the following pattern		
(Bidder quoting for more than 1 equipment, quoted list of equipment to be attached)		
Sl. No.	**Details**	**Uploaded (Yes/No)**
1	EMD	
2	PAN Card to be uploaded.	
3	GST Registration Certificate	
4	Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	
5	Sales Tax / GST clearance certificate of previous 3 Years.	
6	Annual Turnover for the years 2016-17, 2017-18, 2018-19	
7	Balance Sheet for the past three years 2016-17, 2017-18, 2018-19	
8	Profit and Loss account statement for the years 2016-17, 2017-18, 2018-19	
9	Certificate of Incorporation	
10	Tender Offer Form	
11	Tender Declaration Form	
12	SSI issued by Industrial Commerce Department Government of Karnataka/MSME	
13	Import License (if quoted for imported goods)	
14	Manufacturing License	
15	Authorization by Manufacturer	
16	80% Performance Statement for manufacturer	
17	Proof of 80% performance (Supply orders / invoice copies)	
18	30% Performance statement, for dealer.	

19	Proof of 30% performance (Supply orders / invoice copies)	
20	End User Certificate	
21	Equipment & Quality Control Certificate.	
22	Technical Literatures / Broacher	
23	Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	
24	List of Equipment quoted in the tender, should be submitted with Seal and Signature.	
25	In case of dealer / authorized agent should submitthe C.M.C. cost agreement from the manufacturer of quoted equipment.	
26	Self declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items	
27	Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details.	

Note: Any other documents required as mentioned in the tender document to be uploaded apart from the above list.

ANNEXURE – I

Deleted

ANNEXURE -II

Annual Turnover Statement

[Refer 7.1.1(f) of ITT]

The Annual Turnover of M/s. ___________________________________

for the past three years are given below and certified that the statement is true and correct.

Sl.No.	Financial years		Turnover in Lakhs (Rs)
	First Year	-	**2016-17**
	Second Year	-	**2017-18**
	Third Year	-	**2018-19**

Total - Rs. _______________ Lakhs.

Date:

Signature of Chartered Accountant

Seal:

(Name in Capital)

Annexure -III

List of Banks as per e-portal.

GTTC/MCD/TENDER/BLGM-SMARTCITY/3D PLASTIC PRINTER/SEC-1/BD-01/2019-20			
HAND HELD 3D SCANNER			
(Should be uploaded along with the Technical bid)			
Bidder Name:			
Make / Model offered:		Delivery Required:	90 Days
Qty.	10 Nos.	Delivery Offered:	
		Acceptance of required Specification	If 'Not Accepted' alternate specification
Scan Type	Color Camera based	ACCEPTED	
Resolution of Image	1920 x 1080p at 30fps	ACCEPTED	
Scan Range (W x D x H)	5 x 5 x 5 ~ 100 x 100 x 200 cm	ACCEPTED	
Scan Resolution	~ 1.0 – 2.5 mm	ACCEPTED	
Field of View	30 – 80 cm and above	ACCEPTED	
Scanner to Target Depth	30 – 50 cm	ACCEPTED	
Hardware Connectivity:	USB 3.0 Cable	ACCEPTED	
Output File Types:	.OBJ, .PLY, .STL, .FBX	ACCEPTED	
Application	Quickly create 3D models for 3D Printing, historical purposes, 3D game development, Virtual Reality and Augmented Reality	ACCEPTED	

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GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF CNC MILLING & CNC TURNING MACHINES

GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-1/BD-01/2019-20

BIDDING DOCUMENT

JANUARY - 2020

LAST DATE FOR SUBMISSION:14.02.2020,17.00 HRS

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF CNC MILLING & CNC TURNING MACHINES

GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-1/BD-01/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room &Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Amount put to Tender Rupees in Lakhs	Earnest Money deposit in Indian Rupees in Lakhs
01	CNC Milling Machine	1no.	**45.15**	**1.00**
02	CNC Turning Machine	1no.		

3. Interested bidders may obtain further information from Govt. Tool Room &Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 13.01.2020till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.14.02.2020, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.** **17.02.2020** after 15.00Hrs.

6.Duly signed with stamp of hard copy of Technical Bid along with other documents like catalogue, company in - corporation certificates, authorization letter (If any), clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.

Instructions to Bidders

1. Scope of Bid Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of CNC MILLING & CNC TURNING MACHINES
to GTTCBelgaum. as specified in the Schedule of Requirements.

2. Sources of Funds *Belagavi Smart City,Belagavi.*

TENDER SCHEDULE FOR THE SUPPLY OF EQUIPMENT

TENDER REFERENCE	:	GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-1/BD-01/2019-20
Commencement of Down load of e-tender form from website http://eproc.karnataka.gov.in	:	From: 13/01/2020.
Last Date for Queries Through On-Line	:	14/02/2020 till 5:00 p.m.
Pre-Bid Meeting	:	31/01/2020 at 11:00 a.m.
Last date and time for uploading of e-tender in e-procurement platform on or before	:	14/02/2020 up to 17.00 Hours
The Technical Bid will be opened on	:	17/02/2020 at 15.00 Hours
Financial Bid Opening	:	-
Place of Opening of Tenders and Address for Communication.	:	GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE

Note:

(1) In the event of the specified date of opening of First Cover (Technical Bid) being declared a holiday for the purchaser, the First Cover (Technical Bid) shall be opened on the next working day at the same time and venue.

(2) Completed tenders shall be uploaded through e-tendering system by the Tenderers using their User ID and addressed to the **Managing Director,** GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE**-560010** in the manner prescribed under Instructions to Tenderers Section II of Tender Documents on or before the last date & time stipulated.

(3) Only Online Queries on the e-Procurement Portal will be accepted. Queries through letters, mails or any other mode will not be entertained.

(4) Only those Tenderers / bidders, which are found to be responsive on document verification, shall be intimated for equipment demonstration.

(5) The tenderers / bidders should upload all the documents as per the Clause No. **XVII**.

Sl. No.	SECTIONS
1.	I – Invitation for Tenders (IFT)
2.	II – Instruction to Tenderers (ITT)
3.	III – General Condition of Contract (GCC)
4.	IV – Special Condition of Contract (SCC)
5.	V – Schedule of Requirements with Consignee list
6.	VI – Technical Specification
7.	VII – Qualification Criteria
8.	VIII – Tender form and Price Schedule
9.	IX – Details of Earnest Money to be Deposited
10.	X – Contract Form
11.	XI – Performance Security Form
12.	XI / A – Comprehensive Maintenance security Bank Guarantee Form
13.	XII – Proforma for Performance Statement Form
14.	XII –Proforma for Qualification Criteria for the Manufacturer
15.	XII A– Proforma for Qualification Criteria for the Authorized Agent
16.	XIII- Manufacturers Authorization Form
17.	XIV – Goods and Quality Control Form
18.	XV – Service Centers in Karnataka
19.	XVI - Declaration For Performance Of Quoted Model
20.	XVII – Document Verification Checklist

e - TENDERS FOR THE SUPPLY OF EQUIPMENTS

SECTION I. INVITATION FOR TENDERS (IFT)

Tender Notification No: GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-1/BD-01/2019-20

1. The Managing Director, GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE (Purchaser) invites e - tenders from eligible tenderers who are registered for e-platform by using ID & Digital Signature for the supply of above said units:

NOTE : 1) The bidder should pay the consolidated E.M.D. of those equipment for which he is quoted in the tender by adding the E.M.D. shown against each **(Schedule)** and mentioning the Sl. No. of respective item.

2. The tenderers may upload tenders for the above goods individually. Tenderers are advised to note the qualification criteria specified in Section VII to qualify for award of the contract, (vide Section XII and XII A) in addition to other requirements of the tender. Two Cover tender procedures shall be followed. The Tenderers are required to upload First Cover i.e. Technical Bid consisting of document as specified in clause 7.1.1 of ITT and Second Cover i.e. Financial Bid Consisting Price Schedule for the equipment, as well as for CMC (wherever is applicable).

3. Tender documents may be downloaded from the web site http://eproc.karnataka.gov.in

4. Tenderers must provide Earnest Money Deposit (EMD) as specified in the tender document which shall have to be made through electronic system (Refer Section-V Schedule of requirement).

5. Tenders along with necessary enclosures must be uploaded to the web site http://eproc.karnataka.gov.in as per tender schedule mentioned in page 1 and First Cover containing the Technical Bid will be opened as per tender schedule in the presence of the tenderers or their authorized representatives who wish to attend. If the office happens to be closed on the date of opening of the tenders as specified, the tenders will be opened on the next working day at the same time and venue.

6. Deleted

7. Deleted

8. Deleted.

9. The Second Cover (Financial Bid) of the Tenderers who are technically qualified / responsive will be opened through e-tendering system. Please refer clause 20.2 of I.T.T.

10. Other details can be seen in the tender documents.

SECTION II: INSTRUCTIONS TO TENDERERS

TABLE OF CLAUSES

Clause No. **Topic**

F. Award of Contract

SECTION II: INSTRUCTION TO TENDERERS

A. Introduction

1. Eligible Tenderers:

1.1 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the equipment to be purchased under this Invitation of Tenders.

1.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Karnataka

2. Cost of Tendering:

2.1 The Tenderer shall bear all costs associated with the preparation and uploading of its tender, and the Managing Director, Government Tool Room & Training Centre, Bangalore, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

B. The Tender Documents

3. Contents of Tender Documents

3.1 The goods required, tendering procedures and contract terms are prescribed in the tender documents. In addition to the Invitation for Tenders, the tender documents include:

a) Instruction to Tenderers (ITT)
b) General Conditions of Contract (GCC)
c) Special Conditions of Contract (SCC)
d) Schedule of requirements with consignee list – Section V
e) Technical Specifications – Section VI
f) Qualification Criteria – Section VII
g) Tender Form and Price Schedules – Section VIII

h) Earnest Money Deposit – Section IX
i) Contract Form – Section X
j) Performance Security Form – Section XI
k) Performance Statement Form – Section XII
l) Manufacturer's Authorization Form – Section XIII
m) Equipment and Quality Control Form – Section XIV
n) Proof of Service Centre in Karnataka – Section XV
o) Declaration for Performance of quoted model – Section XVI
p) Document Verification Checklist – Section XVII

3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or uploading of a tender not substantially responsive to the tender documents in every respect will be at the Tenderer's risk and may result in rejection of its tender.

4. Clarification of Tender Documents

4.1 Only Online Queries on the e-Procurement Portal before the time line given will be accepted. Queries through letters, mails or any other mode will not be entertained.

5. Amendment of Tender Documents

5.1 At any time prior to the deadline for uploading of tenders, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, modify the tender documents by amendment.

5.2 Amendments, if any as per clause 5.1 above will be notified as Addendum/Corrigendum through the e-procurement portal and office notice board and the same will be binding on all prospective Tenderers.

5.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Purchaser, at its discretion, may extend the deadline for the uploading of tenders.

Preparation of Tenders:

6. Language of Tender.

6.1 The tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender exchanged by the Tenderer and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

7. Documents Constituting the Tender

7.1 The tender prepared by the Tenderer shall comprise the following components and shall be uploaded in two covers containing the documents as follows:

7.1.1 First Cover: (Technical Bid)

(a) Earnest money deposit Rs.1.00Lakh, details in accordance with ITT Clause 13, receipt of the payment made to be uploaded.

(b) Documentary evidence established in accordance with ITT Clause 11 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;

(c) Documentary evidence established in accordance with ITT Clause 12 that the equipment and ancillary services to be supplied by the Tenderer are eligible equipment and services and conform to the tender documents.

(d) GST/Sales Registration Certificate with Latest commodity list.

(e) Sales Tax Clearance Certificate as per Annexure-I or in the valid format of the Commercial Tax Department for Previous Financial Year issued by the concerned authorities is to be uploaded

(f) Annual Turnover for the preceding three financial years i.e., 2016-17, 2017-18,

2018-19 certified by Auditor / Chartered Accountant as per Annexure-II is to be uploaded.

(g) Income Tax Returns for the preceding three financial years i.e. 2016-17, 2017-18, 2018-19to be uploaded.

(h) Copies of Balance Sheet and Profit and Loss Account for preceding three financial years i.e., 2016-17, 2017-18, 2018-19duly certified by the Chartered Accountant / Auditor, is to be uploaded.

(i) Notarized Copy of the Manufacturing license obtained from the following competent authority shall be uploaded:

1) Directorate of Industries & Commerce of a State or Union Territory.
2) District Industries & Commerce

(j) Performance of the manufacturer - 80% performance in any one of the last three financial years to be submitted issued by Competent Authority as per Section-XII is to be uploaded.

1) To be furnished and signed by the Manufacturer only, in any one of the last 3 years i.e., **2016-17, 2017-18,2018-19**.

2) Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

3) Performance of 80% shall be considered for the manufactured, tested and supplied equipment similar to type, size and complexity as specified in the schedule of requirements.

(k) Performance of the dealer- 30% Performance in any one of the last three financial years i.e., **2016-17, 2017-18,2018-19**is also to be uploaded as per Section-XII-A in case of tenderer is an agent/dealer along with 80% manufacturer Performance.

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

2) Performance of 30% shall be considered for the supplied, installed and satisfactorily commissioned equipment similar to type, size and complexity as specified in the schedule of requirements.

3) End user Certificate shall be mandatory along with the proof of supply.

4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

(l) The Certificate of incorporation signed by the Registrar of Companies (ROC) notarized is to be uploaded in case Proprietor/Partnership Firm Registration of firm and GST registration, etc., notarized copy should be uploaded.

(m) Tender Form with an undertaking to abide by the terms and conditions of the tender in the format as per Section- VII is to be uploaded.

(n) The Manufacturers Authorization Form, referred in Section-XIII, in original, and copy of manufacturing license of the authorization issuing firm are also to be uploaded. The letter of authority should be issued to only one agent irrespective of models for this particular IFT. If it is found that letter of authority issued to more than one firm, all the bids for which the authorization is given will be considered Non-responsive.
Manufacturer's Authorization has to be considered from the Prime Manufacturer only. Second Authorization from the dealer, stockiest and any other representatives of Manufacturer shall not be considered.

(o) Equipment and quality control Employed by manufacturer as per proforma given in Section- XIV Equipment and Quality Control employed by the Manufacturer has to be furnished and signed by the Manufacturer only and submission of the same shall be mandatory and non-submission of the certificate shall be liable for rejection.

(p) Deleted.

(q) Self-declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items.

(r) The tenderer quoting for the equipments under import license shall produce all the above-mentioned documents and also has to produce the documents as formalized as per the prevailing international norms or bilateral agreements between India and the exporting country.

If the tenderer claims as an importer, the import license shall be in the tenderer's name only

(s) Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details to be uploaded.

(t) Quality certification for each Equipment quoted like ISO/CE/FDA, Technical brochure, IT returns, Bank Transactions. List of Item Quoted along with make model and specification to be uploaded separately.

The tender document shall have signature on all pages including the annexure by the authorized signatory, the documents / certificates should be under the name and address of the premises where items quoted are actually manufactured. The Documents uploaded should be clearly visible failing which such documents shall not be considered. The documents uploaded in general documents should be named individually.

Note: The originals of all the documents uploaded under Technical Bid shall be produced for verification on the date specified, after the opening of the Technical Bid. The manufacturing premises of all responsive bidders will be subject to physical verification if required by Government Tool Room & Training Centre,Bangalore, or by an agency authorized by the society to ascertain as to whether the bidder has the required manufacturing capacity commensurate with the bid quantity.

7.1.2 Second Cover: (Financial Bid)

7.1 Prices shall be mentioned in the e-portal system only.

7.2 The originals of all the documents uploaded as per requirement given in 7.1.1 above shall be produced for verification on the date specified, after the opening of First Cover failing which the tenders shall be considered as non-responsive.

7.3 DELETED.

8. Tender Form

8.1 As the tender has been invited through e-portal system, the Tender Form (Section-VIII) shall be uploaded in Cover-A without price.

9. Tender Prices

9.1 The Tenderer shall indicate on the Price Schedule in the e-portal system the unit prices and total tender prices of the equipment it proposes to supply under the Contract. However, tenderers shall quote for the complete requirements of equipments and services specified under each equipment on a single responsibility basis, failing which such tenders will not be taken into account for evaluation and will not be considered for award.

9.2 Prices indicated on the Price Schedule shall be entered separately as per e-procurement portal in the following manner:

(i) The price of the equipment, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales taxes charges to be paid.

a. on components and raw material used in the manufacture or assembly of equipment quoted ex-works or ex-factory; or

b. on the previously imported equipment of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.

(ii) Unit Price should be quoted separately. If not quoted separately, the bid will be liable for rejection

(iii) DELETED.

(iv) DELETED.

(v) The price of other incidental services listed in Clause 4 of the Special Conditions of Contract.

(vi) Deleted .

9.3 The Tenderer's separation of the price components in accordance with ITT Clause 9.2 above will be solely for the purpose of facilitating the comparison of tenders by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered.

9.4 Prices quoted by the Tenderer shall be fixed during the Tenderer's performance of the Contract and not subject to variation on any account. A tender uploaded with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 22.

10. Tender Currency:

10.1 Prices shall be quoted in Indian Rupees only.

11. **Documents Establishing Tenderer's Eligibility and Qualifications.**

11.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the Tenderer's eligibility to tender and its qualifications to perform the Contract if its tender is accepted

11.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if its tender is accepted, shall establish to the Purchaser's satisfaction:

(a) that, in the case of a Tenderer offering to supply equipment under the contract which the Tenderer did not manufacture or otherwise produce, the Tenderer has been duly authorized (as per authorization form in Section XIII) by the equipment' Manufacturer or producer to supply the equipment in India.

[Note: 1. Supplies for any particular item quoted in the tender should be from one manufacturer only. Tenders from agents offering supplies from different manufacturers for the same item in the tender will be treated as non-responsive

2.The manufacturer who is authorizing particular agency should not authorize more than one firm irrespective of Model for this IFT. If it is found that the authorization is issued to more than one firm, all the bids for which the authorization is given will be considered as Non-responsive.].

(b) That the Tenderer has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the Qualification requirements specified in Section VII. To this end, all tenders uploaded shall include the following information:

(i) The legal status, place of registration and principal place of business of the company or firm or partnership, etc.

(ii) Details of experience and past performance of the tenderer on equipment offered and on those of similar nature within the past three years and details of current contracts in hand and other commitments (suggested proforma given in Section XII);

12. Documents Establishing Equipment' Eligibility and Conformity to Tender Documents

12.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the eligibility and conformity to the tender documents of all equipment and services which the tenderer proposes to supply under the contract.

12.2 The documentary evidence of conformity of the equipment and services to the tender documents may be in the form of literature, drawings and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the equipment.

(b) A visit giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the equipment for a period of two years, following commencement of the use of the goods by the Purchaser, wherever applicable; and

(c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the equipment and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

Technical Literature with model quoted and compliance statement is mandatory.

12.3 For purposes of the commentary to be furnished pursuant to ITT Clause 12.2(c) above, the Tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Tenderer may substitute alternative standards, brand names and/or catalogue numbers in its tender, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

13. Earnest Money Deposit (EMD)

13.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, earnest money deposit as specified in Section-V - Schedule of requirements.

13.2 The earnest money deposit is required to protect the Purchaser against the risk of Tenderer's conduct, which would warrant the security's forfeiture, pursuant to ITT Clause 13.7.

13.3 The Earnest Money Deposit shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:

- Credit Card.
- Direct Debit.
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC).

The OTC payment facility will be available at the designated Bank and branch or any bank approved by e-Governance for making payments from the date of tender notification.

13.4 Confirmation of receipt of EMD in Government of Karnataka central pool A/C held at the Bank approved by e-procurement will be verified. If found that an acceptable EMD is not received as indicated in Clause 13.3 above the tender shall be rejected by the Purchaser as Non – responsive.

13.5 Unsuccessful Tenderer's earnest money deposit will be refunded as promptly as early as possible after the expiration of the period of tender validity prescribed by the Purchaser, pursuant to ITT Clause 14.

13.6 The successful Tenderer's earnest money deposit will be refunded upon the tenderer signing the Contract, pursuant to ITT Clause 30, and furnishing the performance security, pursuant to ITT Clause 31.

13.7 The Earnest Money Deposit may be forfeited:

(a) If a Tenderer (i) withdraws its tender during the period of tender validity specified by the Tenderer on the Tender Form; or

(b) In case of a successful Tenderer, if the Tenderer fails:

(i) To sign the Contract in accordance with ITT Clause 30; or

(ii) To furnish performance security in accordance with ITT Clause 31.

Refund of EMD:

The EMD money will be kept in the central pooling account until the tender is awarded to the successful bidder.

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the Contractor registered in the e-Procurement system.

14. Period of Validity of Tenders

14.1 Tenders shall remain valid for 180 days after the deadline for uploading of tenders prescribed by the Purchaser, pursuant to ITT Clause 17. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.

14.2 In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable or telex or fax). The earnest money deposit provided under ITT Clause 13 shall also be suitably extended. Tenderers may refuse the request without forfeiting its earnest money deposit. Tenderers granting the request will not be required nor permitted to modify their tender.

15. Format and Signing of Tender

15.1 The Tenderer shall upload the tender along with all the requisite documents through e – tendering system by using User ID and digital signature on Technical and Financial Bids.

15.2 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the tender.

15.3 The Tenderer shall furnish information as described in the Form of Tender on commissions or gratuities, if any, paid or to be paid to agents relating to this Tender, and to contract execution if the Tenderer is awarded the contract.

15.4 Deleted

D. Submission of Tenders

16. Sealing and Marking of Tenders / Uploading

16.1 The Tenderers shall upload the Tender through e – tendering system only. No other mode of submission is permitted.

16.2 The Tender shall:

(a) Be addressed to the Purchaser at the following address:

The Managing Director,
Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,
Bangalore– 560010.

(b) Bear the Project Name, the Invitation for Tenders (IFT) title and number.

16.3 In addition to the identification required in Sub Clause 16.2, the tenderer shall provide the name and address of the Tenderer to make any further correspondence.

16.4 Telex, cable or facsimile tenders will be rejected.

17. Deadline for uploading of Tenders

17.1 Tenders must be uploaded by the Tenderers no later than the time and date specified in the Invitation for Tenders (Section I) on the e-procurement portal.

17.2 The Purchaser may, at its discretion, extend this deadline for uploading of tenders by amending the tender documents in accordance with ITT Clause 5, in which case all rights and obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the deadline as extended.

18. Late Tenders

18.1 Tenders cannot be uploaded by the tenderers after the deadline for uploading of tenders (on the e –procurement portal) prescribed by the Purchaser, pursuant to ITT Clause 17.

19. Modification and Withdrawal of Tenders

19.1 Deleted.

E. Tender Opening and Evaluation of Tenders

20. Opening of Tenders by the Purchaser

20.1 Opening of First Cover of all Tenderers and evaluation to determine qualified Tenderers by the Purchaser:

20.1.1 The Purchaser will open/unlock the First Covers of all tenderers uploaded through e-tendering system, in the presence of Tenderers' representatives who choose to attend, as per tender schedule mentioned in page one.

20.1.2 Deleted.

20.1.3 The Purchaser will prepare minutes of the tender opening.

20.1.4 The Purchaser will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 1.1, 11 and 12 (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause 13 and meets the qualification criteria stipulated in Section VII. The Purchaser will draw out a list of Qualified Tenderers.

20.2 Opening of Second Cover (Financial Bid) of Qualified Tenderers:

20.2.1 The Purchaser will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid by Tender Acceptance Authority which could be viewed automatically by the respective technically qualified tenderers. In this regard no separate intimation shall be made by the Purchaser.

21. Clarification of Tenders

21.1 During evaluation of tenders, the Purchaser may, at its discretion, ask the Tenderer for a clarification of its tender including the breakup of unit price. The request for clarification and the response shall be in writing and no change in prices or substance of the tender shall be sought, offered or permitted.

22. Preliminary Examination

22.1 The Purchaser will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order. Tenders from Agents, without proper authorization from the manufacturer as per Section XIII, shall be treated as non-responsive.

22.1.1 Deleted.

22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the supplier does not accept the correction of errors, its tender will be rejected and its EMD may be forfeited.

22.3 Deleted.

22.4 Prior to the detailed evaluation, pursuant to ITT Clause 23, the Purchaser will determine the substantial responsiveness of each tender to the tender documents. For purposes of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the tender documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 6), Warranty (GCC Clause 14), Force Majeure (GCC Clause 24), Limitation of liability (GCC Clause 28), Applicable law (GCC Clause 30), and Taxes & Duties (GCC Clause 32) will be deemed to be a material deviation. The Purchaser's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

22.5 If a tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Tenderer by correction of the non-conformity.

23. Evaluation and Comparison of Tenders

23.1 Deleted.

23.2 The Purchaser's evaluation of a tender will exclude and not take into account:

(a) Deleted.

23.3 The Purchaser's evaluation of a tender will take into account, in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

For overseas bids in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered up to CIF/ CIP India, however taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

(a) Cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination;

(b) Delivery schedule offered in the tender;

(c) Deleted.

(d) The availability in India of spare parts and after-sales services for the equipment offered in the tender;

(e) Deleted

(f) The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as technically Non-Responsive.

23.4 Pursuant to ITT Clause 23.3, one or more of the following evaluation methods will be applied:

(a) *Inland Transportation, Insurance and Incidentals*:

(i) Inland transportation, insurance and other incidentals for delivery of equipment to the final destination as stated in ITT Clause 9.2 (iii).

The above costs will be added to the tender price.

(b) *Delivery Schedule*:

(i) The Purchaser requires that the equipment under the Invitation for Tenders shall be delivered within 90 days [Date of issue of order,Supply,Installation,Commissioning & Training] as specified in the Schedule of requirements. The estimated time of arrival of the equipment at the project site should be calculated for each tender after allowing for reasonable transportation time. Treating the date as per Schedule of requirements as the base, a delivery "adjustment" will be calculated for other tenders at 2% of the ex-factory price including excise duty for each month of delay beyond the base and this will be added to the tender price for evaluation. No credit will be given to earlier deliveries and tenders offering delivery beyond **2** months of stipulated delivery period will be treated as non-responsive.

(c) *DELETED.*

(d) *Spare Parts and After Sales Service Facilities in India*:

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined elsewhere in the tender documents, if quoted separately, shall be added to the tender price.

(e) 12 months of warranty period for the supplied items.

24. Contacting the Purchaser

24.1 Subject to ITT Clause 21, no Tenderer shall contact the Purchaser on any matter relating to its tender, from the time of the tender opening to the time the Contract is awarded. If the tenderer wishes to bring additional information to the notice of the purchaser, it should do so in writing.

24.2 Any effort by a Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison or contract award may result in rejection of the Tenderer's tender.

F. Award of Contract:

25. Post qualification

25.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Tenderer that is selected as having uploaded the lowest evaluated responsive tender meets the criteria specified in ITT Clause 11.2 (b) and is qualified to perform the contract satisfactorily.

25.2 The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications uploaded by the Tenderer, pursuant to ITT Clause 11, as well as such other information as the Purchaser deems necessary and appropriate.

25.3 An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.

26. Award Criteria.

26.1 Subject to ITT Clause 28, the Purchaser will award the Contract to the successful Tenderer whose tender has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

27. Purchaser's right to vary Quantities as per KTPP

27.1 The Purchaser reserves the right to increase or decrease by up to 25 percent of the quantity of equipment and services originally specified in the Schedule of requirements without any change in unit price or other terms and conditions as per KTPP Act.

28. Purchaser's Right to Accept Any Tender and to Reject Any or All Tenders

28.1 The Purchaser reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

29. Notification of Award

29.1 Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its tender has been accepted.

29.2 The notification of award will constitute the formation of the Contract.

29.3 Upon the successful Tenderer's furnishing of performance security pursuant to ITT Clause 31, the Purchaser will promptly notify the name of the winning Tenderer to each unsuccessful Tenderer and will discharge its earnest money deposit, pursuant to ITT Clause 13.

29.4 If, after notification of award, a Tenderer wish to ascertain the grounds on which it's tender was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Tenderer.

30. Signing of Contract

30.1 At the same time as the Purchaser notifies the successful tenderer that its tender has been accepted, the Purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

30.2 Within 15 days of receipt of the Contract Form, the successful Tenderer shall sign the Contract and return it to the Purchaser.

31. Performance Security

31.1 Within 10 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.

31.2 Failure of the successful Tenderer to comply with the requirement of ITT Clause 30.2 or ITT Clause 31.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

32 Corrupt or Fraudulent Practices

32.1 The Government requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

(a) Defines, for the purposes of this provision, the terms set forth as follows:

(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Tenderers (prior to or after tender uploading) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

32.2 Further, more Tenderers shall be aware of the provision stated in sub-clause 4.4 and sub-clause 23.1 of the General Conditions of Contract.

SECTION-III: GENERAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Clause

Number **Topic**

SECTION III – GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

(a) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

(b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;

(c) "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;

(d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

(e) “GCC” mean the General Conditions of Contract contained in this section.

(f) “SCC” means the Special Conditions of Contract.

(g) “The Purchaser” means the organization purchasing the Goods, as named in SCC.

(h) “The Purchaser’s country” is the country named in SCC.

(i) “The Supplier” means the individual or firm supplying the Goods and Services under Contract.

(j) “The Government” means the Government of Karnataka State.

(k) “The Project Site”, where applicable, means the place or places named in SCC.

(l) “Day” means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

4. Use of Contract Documents and Information; Inspection and Audit by the Government

4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any document, other than the Contract itself, enumerated in GCC Clause 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so, required by the Purchaser.

4.4 The supplier shall permit the Government to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government, if so, required by the Government.

5. Patent Rights

5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

6. Performance Security

6.1 Within 15 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of **5%** of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period. This Performance Security will carry no interest on being discharged.

6.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

6.3 The Performance Security shall be denominated in Indian Rupees and shall be in the following form:

(a) A cashier's cheque or Banker's certified cheque, or crossed demand draft or pay order drawn in favor of the Purchaser.

6.4 The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any Warranty obligations, under the Contract and following receipt of a performance guarantee for 2.5% of the contract value excluding Comprehensive Maintenance Services cost towards guarantee for Comprehensive Maintenance Services as stated in clause of SCC.

6.5 In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

7. Inspections and Tests

7.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.

7.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser. All the travel and accommodation for the inspection team shall be borne by the Bidder.

7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

7.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

7.5 Nothing in GCC Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

7.6 Supplier / manufacturer must meet all the technical specifications and produce the test Certificates if requested in scheduled requirements “technical specifications”. The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as Technically Non-Responsive.

7.7 Manuals and Drawings

7.7.1 Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals, circuit diagrams together with equipment. These shall be in such detail as will enable the Purchaser to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.

7.7.2 The manuals and drawings shall be in the ruling language (English) and in such form and numbers as stated in the contract.

7.7.3 Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

7.8 Acceptance certificates;

7.8.1 On successful completion of acceptability test, receipt of deliverables and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the supplier and the representative of purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

7.8.2 The operational and maintenance training as per clause 4 of special condition of contract shall be conducted on the dates mutually agreed.

8. Packing

8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

8.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

8.3 Packing Instructions: The Supplier will be required to make separate packages for each Consignee. Each Package will be marked on three sides with proper paint/indelible ink the following:

i) Supplied by ------------------------------ under (name of the Programme), ii) Contract No., iii) Suppliers Name and, iv) Packing List Reference number.

9. Delivery and Documents:

9.1 Delivery of the Goods shall be made within 60 days by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC. The goods should be delivered, installed, demonstrated and get the working satisfactory certificate from the end users and the same shall be submitted to this office.

10. Insurance

10.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from “warehouse to warehouse” (final destinations) on “All Risks” basis including War risks and Strikes.

11. Transportation

11.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as Project site, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.

12. Incidental Services

12.1 The supplier shall be required to provide any or all of the following services, including additional services, if any, specified in SCC:

(a) Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;

(b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;

(c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

(d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

12.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

13. Spare Parts

13.1 As specified in the SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a) such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

13.2 The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but, in any case, within 1 month of placement of order.

14. Warranty

14.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

14.2 This warranty shall remain valid for 12 months from date of commissioning or 18 months date of supply to GTTC.

(a) Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC clause 4; OR

(b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be as specified in the Technical Specifications.

14.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

14.4 Upon receipt of such notice, the Supplier shall, within the period of 2 days (excluding journey period) and with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 12 months.

14.5 If the Supplier, having been notified, fails to remedy the major fault within 7 days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk

and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

14.6 The Supplier shall guarantee a 90% uptime of equipments.

14.7 If any equipment gives continuous trouble, say three times in a month during the Warranty period, the Supplier shall replace the system(s) with new system(s) without any additional cost to the Purchaser.

14.8 Maintenance Service:

(i) Details of Service Center in Karnataka and contract person for maintenance should be provided.

(ii) Free maintenance services shall be provided by the Supplier during the period of warranty.

(iii) The maximum response time for maintenance complaint from any of the destinations specified in the Schedule of requirements (i.e. time required for supplier's maintenance engineer to report at the installation after a request call/telegram is made or letter is written) shall not exceed 2 days (excluding journey period).

(iv) It is expected that the average downtime of the item of equipment will be less than half the maximum downtime (i.e. defined as number of days for which an item of equipment is not usable because of inability of the supplier to repair it) as mentioned in the form of technical details. In case an item is not usable beyond the stipulated maximum downtime the supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for a penalty of Rs100 per day. The amount of penalty will be recovered from the Performance Security guarantee during warranty period. During comprehensive maintenance contract period, the penalty of Rs100 per day will be recovered from the 5% of Performance Security Guarantee charges.

(v) Deleted

15. Payment

15.1 The payment will be made in Indian rupees against submission of acknowledgements, installation report and stock certificates from the respective consignees.

15.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, uploaded pursuant to GCC Clause 9, and upon fulfillment of other obligations stipulated in the contract.

15.3 Payments shall be made as early as possible after successful installation and commissioning and functioning of equipments.

15.4 Deleted.

6. Prices

16.1 Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

17. Change Orders

17.1 The Purchaser may at any time, by written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipping or packing;

(c) The place of delivery; and/or

(d) The Services to be provided by the Supplier.

17.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

18. Contract Amendments

18.1 Subject to GCC Clause 17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

Advisory No.15

1 .Tripartite Agreement between Smart Cities SPV, Government Line Departments / Agencies and the Prospective Bidder in smart city projects.

Smart city SPVs have appointed Project Management Consultants (PMCs) to assist Cities in design, development, implementation and management of Smart City Projects as per Smart Cities Mission Guidelines. It has been observed that for certain projects, the respective line departments / Government agencies in the city posses strong technical expertise and execution capabilities which can be leveraged in executing Smart Cities projects faster, instead of depending solely upon the PMC. Moreover, in cities where there is no PMC, or the domain expertise is not available with them, the line departments / Government agencies can support the project development efforts of the SPV.

2. Considering the challenges that some of the Cities are facing due to lack of capacity in Project design, execution, and supervision, it is advised that for execution of specific projects which have been pending for implementation, the respective cities may explore arrangement of an appropriate Triparties Agreement between the SPV, Government line department / agency and prospective Bidder for the project. The salient features of such an arrangement may be as under.

i. Project may be identified through joint meeting of SPV and Government line department / agency as per the Smart Cities Proposal (SCP) / Mission Guidelines / circulars / Oms / New Project as approved by SPV Board.

ii. Such projects may be as per the delegations of power of the SPV. Thereafter, the SPV may issue administrative and financial sanction to the project.

iii. On receiving administrative and financial sanction of SPV, the Government line department / agency shall prepare the estimate and DPR if required, and put up for vetting and technical sanction of SPV. The estimate should be in consonance with SCP and include smart cities features as per the mission guidelines.

iv. After SPV's technical sanction, the Government line department/ agency may take up tender process management and supervision of the project. The SPV approval is necessary for placement of the work order on the contractor and for variations, if any.

v. A draft tripartite agreement should be drawn under approval of the SPV and be part of the tender document for each such projects which will be awarded to the successful bidder.

vi. The Government line department / agency shall ensure effective and efficient implementation of the project including supervisions, quality control arrangement & mechanism adhering to the rules of financial proprietary and schedule of powers and should submit monthly progress report to the SPV.

vii. SPV should, at all times, have the power to monitor and supervise implementation of the project in accordance with contract conditions and give such directions to the Government line department / agency as may be necessary for this purpose.

viii. SPV should ensure that the Government line department /agency maintain complete records of works for the purpose of inspection of any agency authorised by SPV/ State Government / Government of India.

ix. There shall not be any transfer of funds from SPV to Government department / agency. The payments should be disbursed directly by the SPV to the contactor on completion of each milestone as per the terms of the tender. The Government line department/ agency shall check and verify contractor's bills as per the standards of financial rules & schedule of power and submit to SPV for payment.

x. The Government department / agency shall maintain the created / developed assets during Defects Liability Period (DLP) or handover of possession to any agency designated by the SPV.

xi. The Smart Cities may decided upon reasonable supervision charges, if required that may be paid to the Government Department / Agency under such arrangement.

xii. The selected Bidder shall follow all terms & conditions of bid documents & the agreement entered into with the Government line department / agency. It shall ensure timely execution of work as per scope and specifications, within all quality control measures.

xiii. The selected Bidder should keep and maintain site record and allow inspection by any authorized persons /authority and provide full assistant during inspection.

3. This advisory is aimed at reducing time lag in issuing tenders and implementation supervision, thereby facilitation faster and sustainable implementation of the projects, ultimately helping in the success of the Mission program. While formalizing this arrangement, SPV may ensure adequate safeguard to ensure strict adherence to the SCM Guidelines and Prevent any potential issues that can arise between the involved parties with regard to interpretation. The Smart Cities may take necessary measures accordingly, in adopting this advisory.

19. Assignment -Agreement

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

Agreement-Memorandum of Understanding [MoU]

Draft Tripartite Agreement

Name of Project:Development of Training Infrastructure facilities at Government Tool Room & Training Centre [GTTC],Belagavi Centre

Implementing Agency (Authority): Government Tool Room & Training Centre [GTTC],Bangalore

Funding Agency: Belagavi Smart City Limited.,Belagavi

System Integrator:

TRI-PARTITE PROJECT DEVELOPMENT AND IMPLEMENTATION AGREEMENT

This Tri-Partite Project Development and Implementation Agreement (Agreement) is entered into on this the ___day of ________, 2020 at Belagavi

AMONGST

Belagavi Smart City Limited [BSCL], which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

Government Tool Room & Training Centre [GTTC],Bangalore is registered society under Karnataka State Societies Act, GTTC is administratively governed by Skill Development Entrepreneurship & Livelihood Department,GoK, which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

_____________________, a company incorporated under the provisions of the Companies Act, [1956/2013] and having its registered office at ___________________________, (hereinafter referred to as the Vendor which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Other Part.

WHEREAS:

A. BSCL will monitor the development of training infrastructure facilities at GTTC, Belagavi

B. GTTC would review and certify the work conducted by vendors. GTTC would decide regarding all technical aspect of the work.

C. **BSCL** shall pay to the vendors with respect to various payment milestone mentioned in the agreement.

D. Accordingly, the **GTTC** had invited proposals by its "**Request for Proposal**" or "**RFP**" for the selection of vendor on ------------, 2020prescribing the technical and commercial terms and conditions for selection of Bidders for undertaking for development of infrastructure facilities at GTTC,Belagavi. In this regard, **Authority** had received proposals from certain bidders including, inter alia, the consortium comprising M/s ___________________________and M/s__________________(collectively the "**Consortium**") with M/s ________________________________as its lead member (the "**Lead Member**").

E. After evaluation of the Proposal received, bidders and the GTTC had accepted the bid of the bidder for development of infrastructure facilities at GTTC,Belagaviand issued its Letter of Award No. ________________________dated _____________ (herein after called the "**LOA**") to the ["**Selected Bidder**"] requiring, inter alia, the execution of this Agreement.

F. BSCL and GTTC has agreed to the said request of the bidder, and has accordingly agreed to enter into this Tri-Partite Project development of infrastructure facilities at GTTC,Belagavifor execution of the Project, subject to and on the terms and conditions set forth hereinafter.

G. BSCL and GTTC acknowledges that simultaneously with the execution of this Agreement, the Vendor has submitted Performance Security for the amount and in the manner set out in ITB 45.

NOW, THEREFORE, in consideration of the foregoing and the respective covenants and agreements set forth in this Tri-Partite Project Development and Implementation Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as per Section 9 Contract Forms.

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

20. Subcontracts

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in his original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contracts shall be only for bought out items and sub-assemblies.

20.2 Subcontracts must comply with the provisions of GCC Clause 2.

21. Delays in the Supplier's Performance

21.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Schedule of requirements.

21.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

21.3 Except as provided under GCC Clause 24, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of liquidated damages.

22. Liquidated Damages

22.1 Subject to GCC Clause 24, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to **0.5%** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery (if delay is exceed more than 7 days it will be considered as 2 weeks for calculation of penalty) or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 23.

23. Termination for Default

23.1 The Purchaser shall, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

(a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 21; or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

(c) If the Supplier, in the judgement of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid uploading) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

23.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 23.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

24. Force Majeure

24.1 Notwithstanding the provisions of GCC Clauses 21, 22, 23, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

24.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

24.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

25. Termination for Insolvency

25.1 The Purchaser shall at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

26. Termination for Convenience

26.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

26.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

27. Settlement of Disputes

27.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

27.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

27.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

All legal claims shall be at Purchaser's Jurisdiction in Belagavi only

27.3 Notwithstanding any reference to arbitration herein:

(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) The Purchaser shall pay the Supplier any monies due to the Supplier.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 5,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing Language

29.1 The contract shall be written in English language. Subject to GCC Clause 30, English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.2 Indian manufacturer/ suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.\

32.3 Bidders from overseas countries shall be entirely responsible for all taxes, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION - IV: SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Section: IV- Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. Definitions (GCC Clause 1).

a) The Purchaser is Managing Director, Government Tool Room & Training Centre,Bangalore.

b) The Supplier is individual or firm supplying. Goods and Services under this contract.

2. Inspection and Tests (GCC Clause 7).

The following inspection procedures and tests are required by the Purchaser:

1) Pre-dispatch inspection of the equipment at Manufacturing unit as decided by Managing Director, Government Tool Room & Training Centre, Bangalore or a representative from Government Tool Room & Training Centre, as already mentioned in ITT clause 23.3 (f).

2) Inspection by GTTC end user and team of experts appointed by Government Tool Room & Training Centre, on site as per specifications.

3. Delivery and Documents (GCC Clause 9) Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/telex/fax the full details of the shipment including contract number, railway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall submit the following documents to the purchaser with a copy to the insurance company:

(i) Four Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount along with acknowledgement and stock certificate from the respective consignees.
(ii) Railway receipt/acknowledgment of receipt of goods from the consignee(s).
(iii) Four Copies of packing list identifying the contents of each package.
(iv) Insurance Certificate
(v) Manufacturer's/Supplier's warranty certificate.
(vi) Inspection Certificate issued by the nominated inspection agency, end user and the Supplier's factory inspection report, and
(vii) Copy of Bill of entry or Bill of landing for imported equipments

The above documents shall be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

4. Incidental Services (GCC Clause 12)

The following services shall be furnished and the cost shall be included in the contract price:

(a) Unloading, safe storage and handling of the consignment at site.

(b) Performance of the on-site assembly, commissioning and start-up of the equipment.

(c) Furnishing the detailed operation and maintenance manuals for each items of supply at each location.

(d) Training of the Purchaser’s personnel at the installation site.

(e) Deleted

(f) Deleted

(g) Deleted

(h) Deleted

(i) Deleted

5. **Payment (GCC Clause 15)**

(a) For equipments:

(i) Deleted.

(ii) Deleted.

Payment will be made after the receipt of Equipments, satisfactory installation and commissioning, training and certified by the concerned HOD.

6. Settlement of Disputes (Clause 27)

The dispute settlement mechanism to be applied pursuant to GCC Clause 27.2.2 shall be as follows:

(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996, by a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the President of the Institution of Engineers (India). A certified copy of the appointment Order shall be supplied to each of the Parties.

(b) Arbitration proceedings shall be held at Bangalore Karnataka, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

(c) The decision of the arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings shall be borne by each party itself.

7. Notices (Clause 31)

For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

Purchaser:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,

Bangalore– 560010

Supplier: (To be filled in at the time of Contract signature)

....

....

....

8. **Progress of Supply:**

Supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:

- Quantity offered for inspection and date;
- Quantity accepted/rejected by inspecting agency and date;
- Quantity dispatched/delivered to consignees and date;
- Quantity where incidental services have been satisfactorily completed with date;
- Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract

(In case of stage-wise inspection, details required may also be specified).

9. Right to use defective equipment:

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the Purchase shall have the right to continue to operate or use such equipment until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

10. Supplier Integrity:

The supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

11. Supplier's Obligations:

The Supplier is obliged to work closely with the Purchaser's staff, act within its own authority and abide by directives issued by the Purchaser and implementation activities.

The Supplier will abide by the job safety measures prevalent in India and will free the Purchaser from all demands or responsibilities arising from accidents or loss of life the cause of which is the Supplier's negligence. The Supplier will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.

The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.

The Supplier will treat as confidential all data and information about the Purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of the Purchaser.

12. Patent Rights:

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.

13. Site Preparation and Installation:

The purchaser / consignee will designate the installation sites before the scheduled installation date to allow supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the equipments.

14. Equipment Installation:

The supplier is responsible for all unpacking, assembling, wiring, installation, cabling between equipment and power supply. The supplier will test all equipment operations and accomplish all adjustments necessary for successful and continuous operation of the equipment at all installation sites.

15. Equipment Maintenance:

Deleted

16. Training:

For each unit of equipment installed, the supplier is required to train designated purchaser's / consignee's technical and end user personnel to enable them to effectively operate the equipment. The training schedule will be agreed by both purchaser and consignees and the supplier during the performance of the contract.

17. Technical Documentation:

The technical documentation involving detailed operation and maintenance shall be delivered with every unit supplied. The language of the documentation shall be in English.

SECTION-V SCHEDULE OF REQUIREMENTS

PART – I

Note:

1.: The EMD's shall be submitted through electronic transfer as per ITT clause –7 (page -13) on or before the due date for submission of tender, as per Tender Schedule.

2. The equipments quoted should have the approval of all the competent authorities, and should have F.D.A/ C.E.,/ A.E.R.B/ ISO documents, relating to the approval should be uploaded.

Delivery Schedule: Supply and commissioning at the site within **90**daysfrom the date of issue of Supply Order.

The consignee list:
To be installed and commissioned at Government Tool Room& Training Centre[GTTC]Udyambag Industrial Estate, Belagavi, Karnataka on Behalf The Managing Director, Government Tool Room & Training Centre[GTTC] Rajajinagar Industrial Estate,Bangalore– 560010

[I]CNC Milling Machine – Qty. 1no.	
Table size (L X B)	650 ~ 750 X 450 ~ 550 mm
Distance from table top to spindle face	115 ~ 140 (min) / 610 ~ 660(max) mm
Load capacity on table	350 ~ 450 kg
Longitudinal X-axis	475 ~ 525 mm
Transverse Y-axis	475 ~ 525 mm
Vertical Z-axis	475 ~ 525 mm
Spindle	
Power	5.5 / 7.5 Kw
Speed	60 - 6000 Rpm
Maximum tool weight	Up to 7 kgs
Nose	BT40 / ISO 40
Axis Drive	
Feed rates	3 ~ 10,000 mm/min
Rapid Traverse (X/Y/Z)	20,000 mm/min
Accuracy	
Positioning	12 µm as per ISO 230 or equivalent
Repeatability	10 µm as per ISO 230 or equivalent
Power Supply	415V, 3Phase, 50Hz
CNC Controller	
Suitable for Universal CNC Milling Machine	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Fast presetting	
Milling cycles for complex contours	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain test DIN/ISO standard.	
The movement of all machines axes are controlled by digital drives	
Tool life management	
Cutter compensation	
Canned cycles for simplified part programming	
NC programming using DIN/ISO code	
Online ladder display of easy diagnostics	
Features	
1. Standard cycles for milling, drilling, rigid tapping	
2. Suitable Counter balance to control drop of Z-axis during power failure	
3. Dampening system for enhanced accuracies	

4. X, Y, Z-axes must have direct drive through coupling between motor & ball screw.
5. Simulation on machine control
6. Manual pulse generator for work piece setting
7. Centralised lubrication system
8. Spindle auto tool clamp & de-clamp
9. Levelling pads
10. Hardened & ground sturdy linear motion guide ways & ball screws.
11. Coolant system
12. Chip conveyor system
13. Machine lamp
14. Test Mandrel
15. Suitable Stabiliser along with suitable Isolation transformer
16. Control panel should be provided with A.C. unit
17.All General & Geometrical tolerance shall be as per IS standards/ International standard
Accessories Required
1. Collets dia.3, 4, 6, 8, 10, 12, 16, 20 & 25 – 2 nos. each suitable to adaptors
2. Collet adaptor- Short & long (each 2 nos.)
a) Collet Adaptor- Short, to Hold 3.0 - 16.0 Dia – 2 sets
b) Collet Adaptor- Short, to Hold 16.0- 25.0 Dia – 2 sets
3. Hydraulic vice opening: 200mm with 5µ accuracy – 1no.
4. Key less drill chuck – 2 nos. to suit BT40 / ISO 40 Adaptors with set of sleeves.
5. One set of Tool kit shall include :
a) Clamping kit-goose neck, strap
b) T-bolts, tenons, Allen key, Washers, Studs, hexagonal nut
c) Spanner-Ring, flat & C
6. L- angle plate 150mm x 150mm & 250mm x 250mm (Each 1no)
7. Face mill Arbor 1no.
9. CNC Tool clamping fixture – 1no.
10. Pull Studs – 10 Nos.
11. Edge finder – 1no.
12. First fill of lubricants

[II]. CNC Turning Machine – Qty. 1no.	
Capacity: Distance between centres	230 – 260mm
Swing over bed	280 – 320mm
Maximum turning diameter	110 – 150 mm
HEAD STOCK	
Maximum Through bore	32 – 40mm
Chuck diameter	135 mm
Spindle speed	100 – 4000rpm
Spindle nose	A – 4
AXES SLIDES	
Transverse stroke: X-axis	80 -130mm
Transverse stroke: Z-axis	250 -300mm
Accuracy	
Positioning	6 µm as per ISO 230 or equivalent
Repeatability	4 µm as per ISO 230 or equivalent
FEEDS	
Variable feeds X-/Z- axis	0 – 5000 mm / min
Rapid feed X-/Z- axis	15 / 15 m / min
TOOLING SYSTEM: TURRET	
No. of tool stations	8
Spindle motor power	3.5 – 5.0 Kw (415V, 3 Phase & 50 hz)
Speed	3000 - 4000 rpm
Standardized fixing of tool holders	16 square
Maximum tool size (boring bar)	25 mm
CNC CONTROLLER	
Suitable for CNC Turning Machine	
Computer Numerical control ensures full automation of the machine	
Should offer numerous features necessary for easy & efficient program set up	
Contour programming	
Cycles for Drilling, Boring & Spindle alignment	
Cycles for linear & circular point patterns	
Clearly understandable dialogs enable workshop oriented programming in plain text DIN/ISO standard.	
The movement of all machines axes are controlled by digital drives	
Tool life management	

Cutter compensation
Canned cycles for simplified part programming
NC programming using DIN/ISO code
Online ladder display of easy diagnostics
Standard Features & Accessories
1. Fully enclosed guards
2. Centralized lubrications unit
3. Coolant equipment
4. Alarm lamp
5. Work lamp
6. 3 jaw chuck (one set each of soft & hard jaws) & Tail stock
7. Set of reduction sleeves
8. Set of boring bar holders
9. Foot switch for Hydraulic chuck & Hydraulic tail stock quill
10. AC for electrical control cabinet
11. Chip tray
12. Linear motion guide ways
13. Hardened & Ground pre- loaded ball screws for axis
14. 8 station turret
15. All General & Geometrical Tolerance shall be as per IS standards / International standard
Accessories required
1. Suitable Stabilizer along with isolation transformer
2. Chip conveyor with bin
3. Axial tool holder
4. Revolving centre
5. First fill of lubricants
6. Start up tool kit

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule
(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

SECTION - VII : QUALIFICATION CRITERIA

(Referred to in Clause 11.2(b) of ITT)

1. (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)

(b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:

(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)

(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)

If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

2. The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.

3. The following routine test (final test) needs to be done on all products, which are ready to dispatch. The test report should be made available for inspecting authorities for checking

Valid Certificate as prescribe in the Technical specification is mandatory.

Hands on training for operation and maintenance by the supplier is mandatory

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. The average annual financial turnover of the bidder should be, not less than Rs. **90.00** Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments7. Bidder shall quote for all the item. Partial quote is not accepted.

7. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC, Belagavi centre, as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

8. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 5% of basic order value as performance security

9. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required.

10. Payments terms: (i)Eighty(80) Percent of the invoice value on Delivery of the items at the purchaser’s site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 05% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

SECTION – VIII

TENDER OFFER FORM

Date :.......................................

IFT No:

To:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

Having examined the tender documents in connection with the Supply of below goods called in this tender to your department for the year _________ called by you, I / We, the undersigned offer to supply and deliver the above said items in conformity with the terms and conditions of the tender at the rates quoted in the price bid if the contract is awarded in my / our favour.

Sl. No.	Name of the Equipment	Model Quoted	Remarks

I / We undertake if our quotation is accepted, I / We will enter into contract to deliver the goods in accordance with the delivery schedule. I / We agree to abide by this tender for the specified period.

I / We undertake to deposit Security Deposit amount in accordance with the terms and conditions of the tender if our offer is accepted. I / We understand that you are not bound to accept the lowest or any quotations you may receive. We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of requirements.

If our tender is accepted, we will obtain DD towards performance security guarantee of a bank a sum equivalent to 5 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.We agree to abide by this tender for the Tender validity period specified in Clause 14.1 of the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per ITT Clause 1 of the tender documents.

Dated this .... day of .... (year).

_______________________________ _______________________________

(Signature) *(In the capacity of)*

TENDER DECLARATION FORM

(Ref. Section II – Clause No. 2.A-8(b))

Ref:- Tender Notification No.

Tender for Supply of EQUIPMENTS for the Year 2018-19.

Format of undertaking to be furnished by the tenderer for having

Accepted the terms & conditions of the tender document.

To,

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

In accordance with the terms and conditions of tender document for supply of **Equipments**for the year 2018-19 (Extendable for three months), I/We have gone through all the terms & conditions and hereby agree to accept and undertake to abide the same.

Further stating that firm is not Black Listed with any Government/Quasi Government Organizations & the documents submitted in Tender are not false/erroneous.

Date Place	Signature ( ) Name in capital Seal of the/company.

Price Schedule format is available in the e-portal as an inbuilt option. Tenderer shall fill up Price Bid Schedule on-line along with other requirements. The split up prices like Unit cost and sales tax shall be uploaded.

PRICE SCHEDULE
Format - VIII/B

Deleted

SECTION-IX DETAILS OF EARNEST MONEY DEPOSITED

From: (Tenderer)

…………………………………

…………………………………

…………………………………..

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir

1. We have deposited Earnest Money Deposit of Rs……………………….. (Rupees……………………………………………… only) at approved bank by e-procurement to central pooling account of Government of Karnataka, the details of which are as follows:

(a) Bank & Branch ………………………..
(b) Method of remittance and its details ……………………
(c) DD for Rs. bearing no. of

2. We agree that the EMD may be forfeited by the purchaser if we:

(d) Withdraw our tender during the period of tender validity specified by us in the Tender Form (Section VIII);
(e) Do not accept the correction of the Tender Price Pursuant to Clause 22.2 of I.T.T
(f) Do not sign the Agreement within the specified time limit in case we are successful and notification of award has been communicated;
(g) Do not furnish the required Performance Security deposit as required ITT Clause 31.

____

Name of Tenderer

SECTION - X: CONTRACT FORM

THIS AGREEMENT made on the ....day of.................................. (year) between.......................... *(Name of purchaser)*of.............. *(Country of Purchaser)* Hereinafter called "the Purchaser" of the one part and..................... *(Name of Supplier)* of......................... *(City and Country of Supplier)* (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz……………………… *(Brief Description of Goods and Services)* and has accepted a tender by the Supplier for the supply of those goods and services in the sum of.............................. *(Contract Price in Words and Figure),* here in after called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

(a) The Tender Form and the Price Schedule uploaded by the Tenderer;

(b) The Schedule of requirements;

(c) The Technical Specifications;

(d) The General Conditions of Contract;

(e) The Special Conditions of Contract; and

(f) The Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which will be supplied/provided by the Supplier are as under:

Sl. No.	Brief Description of Equipments& Services	Quantity to be Supplied	Unit Price	Total Price	Sales Tax If Any	Grand Total	Delivery Terms

TOTAL VALUE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said.. (For the Purchaser)

In the presence of: ……………………….

Signed, Sealed and Delivered by the

Said.. (For the Supplier)

In the presence of: ....

SECTION - XI

PERFORMANCE SECURITY FORM

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

WHEREAS.. (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No............................. dated, / / to supply of ……………………………..(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Demand Draft as Performance Security by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

WE have hereby enclosed Demand Draft for total amount of.................................. ......(Amount of the Demand Draft Words and Figures) and we undertake to permit you to encase the Demand Draft on default under the Contract and without cavil or argument, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Performance Security is valid until the ....day of...................(year) (Warranty period + CMC period + 60 days).

Signature &Name of the bidder

Date......................

Address:
....
....

SECTION - XI / A

Deleted

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SECTION –XII

(Please refer Section VII Para 1(a))

Proforma for Qualification Criteria for the manufacturer to the extent of 80% in any one of the last three years:2016-17, 2017-18, 2018-19

IFT No:

Name of the Manufacturer:…………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any
1	2	3	4	5	6

Signature and Seal of the Tenderer:--

Note:

1. To be furnished and signed by the Manufacturer, only for any one of the last 3 years.
2. Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
3. Performance of 80% shall be considered for similar type, size and complexity of equipment.

SECTION –XII A

(Please refer Section VII of 1(b)-iii)

Proforma for Qualification Criteria for the Authorized Agents to the extent of 30% in any one of the last three years :2016-17, 2017-18, 2018-19

IFT No:
Name of the Authorized Agent:…………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any	Has the goods/ equipment been satisfactorily functioning. (Attach a Certificate from the Purchaser) *
1	2	3	4	5	6	7

Signature and Seal of the Tenderer: --

Note:

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
2) Performance of 30% shall be considered for similar type, size and complexity of equipment.
3) End user Certificate shall be mandatory along with the proof of supply.
4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

SECTION - XIII

MANUFACTURERS' AUTHORIZATION FORM

(Please see Clause 11.2(a) of Instructions to Tenderers)

No. Date:

To,

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)*do hereby authorize M/s *(Name and address of Agent)* to submit a tender, and sign the contract with you for the goods manufactured by us against the above IFT.

We hereby extend our full guarantee and warranty as per Clause 14 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFT.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

2. This letter of authority should be issued to only one agent irrespective of models for this particular IFT. If found that the letter of authority is issued to more than one firm, all the bids for which the authorizations are given will be considered Non-Responsive. [Refer 7.1.1 (m)]

SECTION - XIV

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

[Refer 7.1.1 (n) of ITT]

IFTNO.

NAME OF THE TENDERER: ....

(Note: All details should relate to the manufacturer for the items offered for supply)

1. Name & full address of the Manufacturer

2. (a) Telephone & Fax No Office/Factory/Works

   (b) Telex No. Office/Factory/Works

   (c) Telegraphic address:

3. Location of the manufacturing factory.

4. Details of Industrial License, wherever required as per statutory regulations.

5. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).

6. Details of the process of manufacture in the factory.

7. Details & stocks of raw materials held.

8. Production capacity of item(s) quoted for, with the existing Plant & Machinery

   8.1 Normal

   8.2 Maximum

9. Details of arrangement for quality control of products such as laboratory, testing equipment etc.

10. Details of staff:

10.1 Details of technical supervisory staff in charge of production & quality control.

10.2 Skilled labour employed.

10.3 Unskilled labour employed.

10.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.

11. Whether Goods are tested to any standard specification? If so, copies of original test certificates should be uploaded in triplicate.

12. Is the Manufacturer registered with the Directorate General of Supplies and Disposals, New Delhi 110 001, India? If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

....

Signature and seal of the Manufacturer

SECTION - XV
PROOF OF SERVICE CENTRE IN KARNATAKA

SECTION - XVI

DECLARATION FOR PERFORMANCE OF QUOTED MODEL

No. Date:

To

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of*(name and description of goods offered)* having factories at (*address of factory)* do hereby declare that the quoted model______________ is performing satisfactorily for the past 12 months.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of declaration should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

XVII - Document Verification Check list

Tender No.		
To be uploaded by the bidder as per the tender document requirement in the following pattern		
(Bidder quoting for more than 1 equipment, quoted list of equipment to be attached)		
Sl. No.	**Details**	**Uploaded (Yes/No)**
1	EMD	
2	PAN Card to be uploaded.	
3	GST Registration Certificate	
4	Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	
5	Sales Tax / GST clearance certificate of previous 3 Years.	
6	Annual Turnover for the years 2016-17, 2017-18, 2018-19	
7	Balance Sheet for the past three years 2016-17, 2017-18, 2018-19	
8	Profit and Loss account statement for the years 2016-17, 2017-18, 2018-19	
9	Certificate of Incorporation	
10	Tender Offer Form	
11	Tender Declaration Form	
12	SSI issued by Industrial Commerce Department Government of Karnataka/MSME	
13	Import License (if quoted for imported goods)	
14	Manufacturing License	
15	Authorization by Manufacturer	
16	80% Performance Statement for manufacturer	
17	Proof of 80% performance (Supply orders / invoice copies)	

18	30% Performance statement, for dealer.	
19	Proof of 30% performance (Supply orders / invoice copies)	
20	End User Certificate	
21	Equipment & Quality Control Certificate.	
22	Technical Literatures / Broacher	
23	Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	
24	List of Equipment quoted in the tender, should be submitted with Seal and Signature.	
25	In case of dealer / authorized agent should submitthe C.M.C. cost agreement from the manufacturer of quoted equipment.	
26	Self declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items	
27	Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details.	

Note: Any other documents required as mentioned in the tender document to be uploaded apart from the above list.

ANNEXURE – I

Deleted

ANNEXURE -II

Annual Turnover Statement

[Refer 7.1.1(f) of ITT]

The Annual Turnover of M/s. ___________________________________

for the past three years are given below and certified that the statement is true and correct.

Sl.No.	Financial years		Turnover in Lakhs (Rs)
	First Year	-	**2016-17**
	Second Year	-	**2017-18**
	Third Year	-	**2018-19**

Total - Rs. _______________ Lakhs.

Date:

Signature of Chartered Accountant

Seal:

(Name in Capital)

Annexure -III

List of Banks as per e-portal.

GOVERNMENT TOOL ROOM & TRAINING CENTER. BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date :

Ref.:GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-01/BD-01/2019-20

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	In case of government owned entity, documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	

	If Yes indicate major product manufactured Yes/No	
	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet . Yes/No	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT

BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

BIDDING DOCUMENT

DECEMBER - 2019

LAST DATE FOR SUBMISSION 24.01.2020,14.00 HRS

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT

GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room & Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Desktop Computers	80 nos.	1,50,000.00
02	LED Projector with Screen	5nos.	
03	Smart Board	5nos.	
04	Visualizer for Smart Board	2nos.	
05	UPS – 10KVA 60 Minutes Backup	2nos.	
06	Colour Multifunctional Printer	2nos.	
07	Photo Copier Machine	1no.	
08	2.0 Ton Split Air conditioner	8nos.	

3. Interested bidders may obtain further information from Govt. Tool Room & Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 07.01.2020 till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt. 24.01.2020, 14.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**.**27.01.2020 after 15.00 Hrs.

QUALIFICATION CRITERIA

Scanned copy of Required Documents shall be uploaded in the E-Procurement Portal while submitting the Tender.

1. The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment /item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)

2. GST Registration Certificate.

3.Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.
The supplier must have service centre in Bangalore / Karnataka

4. Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19

5.The average annual financial turnover of the bidder should be, not less than Rs 400 lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Copies of Orders for having supplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.75.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded.

7. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

8. Bidder shall quote for all the item. Partial quote is not accepted.

9. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC Belgaum centre. Overall Lowest Price will be L1 bidder.

10. Supply shall be completed within 60 days from the date of issue of Purchase order. Supplier shall submit bank guarantee for 10 % of basic order value as performance security.

11. Payments terms:
On Delivery: (i) Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) **Balance:** Twenty (20) percent within 30 days after Commissioning & Training & acceptance certification by the competent authority and upon submission of bank guarantee for 10% of the basic order value as performance warranty valid for a period of 12 months from the date of installation.

12. A Performance Security Shall be required for 10% of the value of the contract price

The Performance Security shall be in the form of Bank Guarantee .

Information to Bidders

- Place to get information : The Managing Director,
  Govt. Tool Room & Trg. Centre,
  Rajajinagar Industrial Estate,
  Bangalore 560 010,
- Bids called in two stages - Technical bid & Commercial bid
- Tender documents are available through e-Procurement portal at free of cost.
- EMD up to Rs.1,50,000.00/- to be paid through any one of the means as mentioned below.
  (a) Credit Card.
  (b) Debit Card.
  (c) National Electronic Fund Transfer (NEFT)
- In addition to the EMD, the bidder shall pay a tender processing fee as per e-procurement rules. The payment shall be made through one of the above-mentioned modes only.
- Hard copy of the Technical Bid along with other documents. must be submitted within 2 working days after opening of the technical bid.

  Kindly note that the hard copy of **the price bid should** **NOT** be submitted with the technical bid.
- Bidding is only through electronic-tendering. Visit websites: https://eproc.karntataka.gov.in to get the tender applications form through home page.
- Last date of submission: 24.01.2020 up to 14.00 Hrs.
- Opening of Technical Bids: 27.01.2020 at 15.00Hrs. (Electronically).

Instructions to Bidders

1. Scope of Bid

Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of the following

PROCUREMENT OF DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT

2. Sources of Funds

Funds available.

For other instructions refer to General Terms & Conditions for Bids

General

The Purchaser is: Govt. Tool Room & Training Centre

The name and identification number:

GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

Contents of Bidding Documents

Purchaser's address is: Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
Telephone: +918023152262
Facsimile number: +918023301683
Electronic mail address: md.gttc@gmail.com
Website: http//www.karnataka.gov.in/gttc

Bid shall include a Bid Security paid through any one of the payment method - Credit / Debit Card, National Electronic Fund Transfer (NEFT), Using Single EMD or Split EMD facility as the case may be.

The amount of the Bid Security shall be: **As mentioned in the Annexure - 1**

Technical Bid along with other relevant documents, bid securing deposit in the form of e-payment to be uploaded.

A set of Technical Bid hard copy along with all other original documents uploaded including registration certificate, manufacturers authorisation letter (if applicable), original demand draft etc., has to be submitted to GTTC within 2 working days after opening of the technical bid. The bids are liable for rejection technically for non submission of originals.

The Purchaser's address is:
Govt. Tool Room & Training Centre
Attention: Managing Director
Address: Rajajinagar Industrial Estate
City: Bangalore
Pin Code: 560 010
Country: India
The deadline for the submission of bids is
Date**: 24.01.2020**
Time: Up to **14.00 Hrs.**

The technical bid opening shall take place electronically on:
Date: 27.01.2020
Time: 15.00 Hrs.

Annexure -1

Quantity proposed and Amount of Earnest Money to be deposited with the tender

Sl. No	Description	Quantity	Earnest Money deposit in Indian Rupees
01	Desktop Computers	80 nos.	1,50,000.00
02	LED PROJECTOR WITH SCREEN	5 nos.	
03	Smart Board	5 nos.	
04	Visualizer for smart board	2 nos.	
05	UPS - 10KVA 60 Minutes Backup	2 nos.	
06	Colour Multifunctional Printer	2 nos.	
07	Photo Copier Machine	1no.	
08	2.0 Ton Split Air conditioner	8nos.	

Mode of EMD payment: -

Rs.1,50,000.00 through any one of the means as mentioned below

1) Credit Card.
2) Debit Card.
3) National Electronic Fund Transfer (NEFT).

Schedule of Requirements

(To be filled up in excel format given separately and uploaded with technical bid – stage I)

GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOPCOMPUTERS&OTHER/SEC-2/BD-02/2019-20

1] Desktop Computers ,Qty. 80 nos.

01	**Processor**	**INTEL@ Core i5 (3.20 to 4GHz)**
02	**Graphics Card**	**NVIDIA Quadro 2GB**
03	**RAM**	**16 GB DDR4 (2133 /2400) or More**
04	HDD	1 TB 7200 RPM SATA or 512GB SSD
05	Mother Board	OEM
06	Display	22 Inches Backlit LED HD Monitor (1920 X 1080, Wide screen display)
07	Ethernet Port	Integrated 10/100/1000 MBPS Ethernet controller
08	I/O Ports	4 USB 3.0 (2 fronts / 2 rear); 2 USB 3.1; 4 USB 2.0 (2 front / 2 rear); 2 PS/2; 1 LAN /RJ 45; VGA
09	Mouse	USB wired Optical Mouse
10	Keyboard	USB Wired Optical Keyboard
11	Operating System	Latest version Windows 10 Professional (64BIT) with IE 11
12	Warranty	Three year onsite warranty
13	Software	Pre-loaded MS Office and Anti-Virus
14	Certification	Windows Energy Star, EPEAT, ISO9001,2008

2] LED Projector with screen , Qty. 5 nos.

Parameter	**Specifications Offered**
Make & Model	
Technology	DLP with Laser LED light source
Ultra Short Throw	0.28:1 Throw Ratio suitable for Smartboards
Resolution	1280 x 800
Brightness	3100 ANSI Lumens
Contrast Ratio	20000:1
Projection Mode	Front and ceiling/Wall
Built In Speaker	16W
Life	Upto 20000 hours
Wireless Capable	Wireless LAN Adaptor YW40 included
Ports	D-sub(VGA)X2 IN, 1 Out, HDMI, 1XRCA, Stereo Mini Audio in & out, 3.5mm stereo Mic Input jacks and USB Port, RJ45 Wired LAN
Remote Controller	Yes. With batteries
Wall Mount Bracket	YM81 to be supplied along
Accessories	With 10 mtrs power, HDMI & VGA cable to make the projector functional
Warranty	bidder to extend 3 years comprehensive on site warranty with Lamp Warranty of 10000 Hrs or 5 Years whichever is earlier

Tender Specific MAF	Should be an authorised Dealer

3] Smart Boards , Qty. 5 nos.

Electronic Interactive Board Specifications		
Sl. No.	**Feature**	**Description**
1	Technology	Infrared(IR) or better
2	Active Area Diagonal Size (inches)	Min. 82 Inches Diagonal
3	Aspect Ratio	4:3 / 16:9/16:10
4	Hot keys	On both sides of the Boards with description of Icons with single touch feature access consisting of Calibration, Page Up, Page Down, Mode Switch, Black Pen, Blue Pen, Red Pen, Highlighter, Smart Brush, Eraser, Undo, Clear Screen, Text, Insert, Scree Recorder, Keyboard and Camera
5	Resolution	30000*30000 or better
6	Touch Interface	Finger & Stylus
7	Accuracy	1mm or better
8	Interface	USB
9	Multi-Touch	Minimum 6 points touch
10	OS Driver Support	Win 10,8 or Latest (32bit & 64bit) and Linux
11	Operationc Temperature	0-40℃
12	Software Features	Normal Pen, Smart Brush, Tool Pen, Writing Pen, Highlighter, Emphasize Pen, Brush pen, Bamboo Pen, Pen, Pencil and Texture, Different sizes available with Region eraser, Shapes, Stamp, Text, Generic consist of (shapes, Arrows, National Map, National Flag), Education Consist of Physics, chemistry, Biology, Geography, sports, arts and lab apparatus subjects, Search Light, Screen Curtain, Magic layer, turn table, explorer, screenshot, magnifier, calculator, soft keyboard, Timer, Geometry Tools, Screen recording, webcam, Screen Lock, Education practical's feels like original (Maths, Physics, chemistry, Geography). Desktop Annotation, White board, Green Board, Black Board, Different types of exercise books, Customization board. Cloud storage, Cloud Download, Select & Remove blank Pages. Multiple numbers of images available like maps, agricultural, animals and many more. Can Import & Export documents/contents. Annotation of on video, PPT, PDF. Annotate on PC/ Laptop with the help of smart phone
13	Accessories	USB interface cable, 02 no. of pens & pen Holder, Software / Driver for integration with computer, Wall Mounting Kit & Operating manual
14	Tender Specific MAF	Should be an authorised Dealer

4]Technical Specifications for Visual for smart board , Qty. 2 nos.

1	Total Pixels	Min. 5 Mega Pixel
2	Zoom	Minimum 12x Optical Zoom, 15x Digital Zoom
3	Frame Rate	Min. 30 FPS
4	Shooting Area	Minimum A4 Size
5	Focus	Auto/Manual
6	Resolution	It should have 950 TV Lines or more. It should have native resolution of 1920 x 1080 Full HD
7	Signal Support	It should support the following resolutions 1024×768; 1280×1024;upto 1920x1080
8	White Balance	It should have option of Auto/ Manual White Balance.
9	Multimedia Function	It should have the following Functions: Color/Black-White, Mirror, Rotate, Brightness Control, Freeze, PIP, PBP, Preview.
10	Input ports	It should have Atleast 1VGA-IN, 1 HDMI-IN, Audio-IN
11	Output ports	It should have 1VGA-OUT, 1 HDMI-OUT, Audio-OUT
12	Other Port / Connectivity	It should have USB Port x1, Direct Mouse connectivity Port, Direct Microphone Input
13	Remote Control	Required

5] UPS - 10KVA 60 Minutes Backup , Qty. 02 nos.

Sl.No.	Item	Specification
01	Type	Online 3 phase input and single phase output
02	Capacity	10KVA
03	Backup time	60mins
04	Input frequency	50Hz ± 3%
05	Input Voltage	300V – 450V
06	Output Voltage	230V ± 1%
07	Output Frequency	50Hz ± 0.5 Hz
08	Input Power Factor	>0.90
09	Output Power Factor	0.8 lag to unity PF
10	Wave foam	Pure sine Wave
11	Alarm	Low Battery, UPS Overload
12	Technology	IGBT Based PWM Technology
13	Battery make	Preferred brand: Pansonic / Global / Exide / Amron
14	Battery Type	Tubular C – 10 rating only
15	VAH	>16,000 VAH
16	Overload capacity	150% for 01 minute, 125% for 10 minutes
17	Invertor efficiency	90%
18	Overall efficiency	90%
19	Regulation	± 1%
20	THD	<2%
21	Protection	Automatic discharge protection with self test features, overload search protection, input fault, Cold start, low battery, battery overcharge, output short circuit, charging

		current circuit, invertor overt temperature
22	LCD Display	Out put voltage, output current, load percentage, output frequency, input voltage, battery voltage
23	Load test	At 100% load on resistive load
24	Certfication	ISO 9001 – 2008 or higher, ETDC / CPRI test report and BIS certification

6]. Colour Multifunctional Printer – Qty. - 2nos.

Colour Multi-Function Machine 22ppm, Print, copy, COLOR SCANDUPLEX,NET WORK CARD AND PANAL ,High definition Simitri toner, Biomass technology, low power consumption.

7]. Photocopier Machine – Qty. 1no.

Photo Copier Machine: 22ppm, Print, copy, scan,2GB RAM,250 GB HARD DISC, SCAN TO USB, PRINT FROM USB ,2 TRAY,1 MULTI BYPASS TRAY, RADF, Stand, High definition Simitri toner, Biomass technology, low power consumption.

8] 2.0 Ton Split Air conditioner - Qty. - 8nos.

STAR RATING	5
CAPACITY TON	2
POWER SUPPLY VOLT/PHASE/HZ	23/1/50
COMPRESSOR TYPE	ROTARY
REFRIGERANT	R410A / Equivalent
CONDENSER	COPPER
INDOOR UNIT	
NOISE LEVEL DB (A) LOW	41
AIR FLOW CMH (TURBO)	1250
OUTDOOR UNIT	
OTHER FEATURES	
HEAT MODE	_
AERODYNAMIC	YES
HEAVY DUTY COMPRESSOR	YES

AIR FLOW DIRECTION	2 WAY

1. List of Goods and Delivery Schedule

2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

Special Conditions of Contract

	The Purchaser is: GOVERNMENT TOOL ROOM & TRAINING CENTRE – BANGALORE, KARNATAKA – INDIA
	The Project Site(s)/Final Destination(s) is/are: GOVERNMENT TOOL ROOM & TRAINING CENTRE – Belgaum .
	The language shall be: ENGLISH
	For notices, the Purchaser's address shall be: **GOVT. TOOL ROOM & TRG. CENTRE** Attention: **Managing Director** Rajajinagar Industrial Estate, Bangalore 560 010 Karnataka, India Telephone: +918023152262 Facsimile number: +918023301683 Electronic mail address*:* md.gttc@gmail.com
	The governing law shall be the law of: INDIA
	The scope of supply for the Goods and Related Services to be supplied shall be as specified in: **"the Schedule of Requirements**"

	The method and conditions of payment : Payments terms: . **On Delivery:** Eighty (80) Percent of the invoice value on Delivery of the items at the purchaser's site. (ii) **Balance:** Twenty (20) percent within 30 days after Installation, Commissioning & Training & acceptance certification by the competent authority and upon submission of bank guarantee for 10 % of the basic order value as performance warranty valid for 1 year from the date of installation.
	The necessary inspections and tests shall be done to determine adherence of supplied equipment with specified technical details as per Schedule of Requirements.
	The liquidated damage shall be: 1% per week
	The maximum amount of liquidated damages shall be: 5%

	The period for repair or replacement shall be: *30 days*

GOVERNMENT TOOL ROOM & TRAINING CENTRE

RAJAJINAGAR INDUSTRIAL ESTATE

BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF - DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE &AC UNIT

BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/-SEC/BD/2019-20

BIDDING DOCUMENT

JANUARY2020

LAST DATE FOR SUBMISSION:14.02.2020,17.00 HRS

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT

BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room &Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Amount put to tender Indian Rupees in Lakhs	Earnest Money deposit in Indian Rupeesin Lakhs
01	Desktop Computers	80 nos.	74.63	1.50
02	LED Projector with Screen	5nos.		
03	Smart Board	5nos.		
04	Visualizer for Smart Board	2nos.		
05	UPS – 10KVA 60 Minutes Backup	2nos.		
06	Colour Multifunctional Printer	2nos.		
07	Photo Copier Machine	1no.		
08	2.0 Ton Split Air conditioner	8nos.		

3. Interested bidders may obtain further information from Govt. Tool Room &Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from

13.01.2020till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.14.02.2020, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 17.02.2020** after 15.00Hrs.

6. Duly signed with stamp of hard copy of Technical Bid along with other documents like catalogue, company in - corporation certificates, authorization letter (If any), clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of the following DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT to GTTCBelgaum. as specified in the Schedule of Requirements.
2. Sources of Funds	*Belagavi Smart City,Belagavi.*

TENDER SCHEDULE FOR THE SUPPLY OF EQUIPMENT

TENDER REFERENCE	:	BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20
Commencement of Down load of e-tender form from website http://eproc.karnataka.gov.in	:	From: 13/01/2020.
Last Date for Queries Through On-Line	:	14/02/2020 till 5:00 p.m.
Pre-Bid Meeting	:	31/01/2020 at 11:00 a.m.
Last date and time for uploading of e-tender in e-procurement platform on or before	:	14/02/2020 up to 17.00 Hours
The Technical Bid will be opened on	:	17/02/2020 at 15.00 Hours
Financial Bid Opening	:	-
Place of Opening of Tenders and Address for Communication.	:	GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE

Note:

(1) In the event of the specified date of opening of First Cover (Technical Bid) being declared a holiday for the purchaser, the First Cover (Technical Bid) shall be opened on the next working day at the same time and venue.

(2) Completed tenders shall be uploaded through e-tendering system by the Tenderers using their User ID and addressed to the **Managing Director,** GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE**-560010** in the manner prescribed under Instructions to Tenderers Section II of Tender Documents on or before the last date & time stipulated.

(3) Only Online Queries on the e-Procurement Portal will be accepted. Queries through letters, mails or any other mode will not be entertained.

(4) Only those Tenderers / bidders, which are found to be responsive on document verification, shall be intimated for equipment demonstration.

(5) The tenderers / bidders should upload all the documents as per the Clause No. **XVII**.

Sl. No.	SECTIONS
1.	I – Invitation for Tenders (IFT)
2.	II – Instruction to Tenderers (ITT)
3.	III – General Condition of Contract (GCC)
4.	IV – Special Condition of Contract (SCC)
5.	V – Schedule of Requirements with Consignee list
6.	VI – Technical Specification
7.	VII – Qualification Criteria
8.	VIII – Tender form and Price Schedule
9.	IX – Details of Earnest Money to be Deposited
10.	X – Contract Form
11.	XI – Performance Security Form
12.	XI / A – Comprehensive Maintenance security Bank Guarantee Form
13.	XII – Proforma for Performance Statement Form
14.	XII –Proforma for Qualification Criteria for the Manufacturer
15.	XII A– Proforma for Qualification Criteria for the Authorized Agent
16.	XIII- Manufacturers Authorization Form
17.	XIV – Goods and Quality Control Form
18.	XV – Service Centers in Karnataka
19.	XVI - Declaration For Performance Of Quoted Model
20.	XVII – Document Verification Checklist

e - TENDERS FOR THE SUPPLY OF EQUIPMENTS

SECTION I. INVITATION FOR TENDERS (IFT)

Tender Notification No: BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

1. The Managing Director, GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE (Purchaser) invites e - tenders from eligible tenderers who are registered for e-platform by using ID & Digital Signature for the supply of above said units:

NOTE : 1) The bidder should pay the consolidated E.M.D. of those equipment for which he is quoted in the tender by adding the E.M.D. shown against each **(Schedule)** and mentioning the Sl. No. of respective item.

2. The tenderers may upload tenders for the above goods individually. Tenderers are advised to note the qualification criteria specified in Section VII to qualify for award of the contract, (vide Section XII and XII A) in addition to other requirements of the tender. Two Cover tender procedures shall be followed. The Tenderers are required to upload First Cover i.e. Technical Bid consisting of document as specified in clause 7.1.1 of ITT and Second Cover i.e. Financial Bid Consisting Price Schedule for the equipment, as well as for CMC (wherever is applicable).

3. Tender documents may be downloaded from the web site http://eproc.karnataka.gov.in

4. Tenderers must provide Earnest Money Deposit (EMD) as specified in the tender document which shall have to be made through electronic system (Refer Section-V Schedule of requirement).

5. Tenders along with necessary enclosures must be uploaded to the web site http://eproc.karnataka.gov.in as per tender schedule mentioned in page 1 and First Cover containing the Technical Bid will be opened as per tender schedule in the presence of the tenderers or their authorized representatives who wish to attend. If the office happens to be closed on the date of opening of the tenders as specified, the tenders will be opened on the next working day at the same time and venue.

6. Deleted

7. Deleted

8. Deleted.

9. The Second Cover (Financial Bid) of the Tenderers who are technically qualified / responsive will be opened through e-tendering system. Please refer clause 20.2 of I.T.T.

10. Other details can be seen in the tender documents.

SECTION II: INSTRUCTIONS TO TENDERERS

TABLE OF CLAUSES

F. Award of Contract

25. Post-qualification.
26. Award Criteria.
27. Purchaser's Right to Vary Quantities as per KTPP.
28. Purchaser's Right to accept any Tender and to reject any or all Tenders.
29. Notification of Award.
30. Signing of Contract .
31. Performance Security.
32. Corrupt and Fraudulent Practices.

SECTION II: INSTRUCTION TO TENDERERS

A. Introduction

1. Eligible Tenderers:

1.1 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the equipment to be purchased under this Invitation of Tenders.

1.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Karnataka

2. Cost of Tendering:

2.1 The Tenderer shall bear all costs associated with the preparation and uploading of its tender, and the Managing Director, Government Tool Room & Training Centre, Bangalore, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

B. The Tender Documents

3. Contents of Tender Documents

3.1 The goods required, tendering procedures and contract terms are prescribed in the tender documents. In addition to the Invitation for Tenders, the tender documents include:

a) Instruction to Tenderers (ITT)
b) General Conditions of Contract (GCC)
c) Special Conditions of Contract (SCC)
d) Schedule of requirements with consignee list – Section V
e) Technical Specifications – Section VI
f) Qualification Criteria – Section VII
g) Tender Form and Price Schedules – Section VIII

h) Earnest Money Deposit – Section IX
i) Contract Form – Section X
j) Performance Security Form – Section XI
k) Performance Statement Form – Section XII
l) Manufacturer's Authorization Form – Section XIII
m) Equipment and Quality Control Form – Section XIV
n) Proof of Service Centre in Karnataka – Section XV
o) Declaration for Performance of quoted model – Section XVI
p) Document Verification Checklist – Section XVII

3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or uploading of a tender not substantially responsive to the tender documents in every respect will be at the Tenderer's risk and may result in rejection of its tender.

4. Clarification of Tender Documents

4.1 Only Online Queries on the e-Procurement Portal before the time line given will be accepted. Queries through letters, mails or any other mode will not be entertained.

5. Amendment of Tender Documents

5.1 At any time prior to the deadline for uploading of tenders, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, modify the tender documents by amendment.

5.2 Amendments, if any as per clause 5.1 above will be notified as Addendum/Corrigendum through the e-procurement portal and office notice board and the same will be binding on all prospective Tenderers.

5.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Purchaser, at its discretion, may extend the deadline for the uploading of tenders.

Preparation of Tenders:

6. Language of Tender.

6.1 The tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender exchanged by the Tenderer and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

7. Documents Constituting the Tender

7.1 The tender prepared by the Tenderer shall comprise the following components and shall be uploaded in two covers containing the documents as follows:

7.1.1 First Cover: (Technical Bid)

(a) Earnest money deposit Rs.1.50Lakh, details in accordance with ITT Clause 13, receipt of the payment made to be uploaded.

(b) Documentary evidence established in accordance with ITT Clause 11 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;

(c) Documentary evidence established in accordance with ITT Clause 12 that the equipment and ancillary services to be supplied by the Tenderer are eligible equipment and services and conform to the tender documents.

(d) GST/Sales Registration Certificate with Latest commodity list.

(e) Sales Tax Clearance Certificate as per Annexure-I or in the valid format of the Commercial Tax Department for Previous Financial Year issued by the concerned authorities is to be uploaded

(f) Annual Turnover for the preceding three financial years i.e., 2016-17, 2017-18,

2018-19 certified by Auditor / Chartered Accountant as per Annexure-II is to be uploaded.

(g) Income Tax Returns for the preceding three financial years i.e. 2016-17, 2017-18, 2018-19to be uploaded.

(h) Copies of Balance Sheet and Profit and Loss Account for preceding three financial years i.e., 2016-17, 2017-18, 2018-19duly certified by the Chartered Accountant / Auditor, is to be uploaded.

(i) Notarized Copy of the Manufacturing license obtained from the following competent authority shall be uploaded:

1) Directorate of Industries & Commerce of a State or Union Territory.
2) District Industries & Commerce

(j) Performance of the manufacturer - 80% performance in any one of the last three financial years to be submitted issued by Competent Authority as per Section-XII is to be uploaded.

1) To be furnished and signed by the Manufacturer only, in any one of the last 3 years i.e., **2016-17, 2017-18,2018-19**.

2) Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

3) Performance of 80% shall be considered for the manufactured, tested and supplied equipment similar[**DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT]**to type, size and complexity as specified in the schedule of requirements.

(k) Performance of the dealer- 30% Performance in any one of the last three financial years i.e., **2016-17, 2017-18,2018-19**is also to be uploaded as per Section-XII-A in case of tenderer is an agent/dealer along with 80% manufacturer Performance.

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

2) Performance of 30% shall be considered for the supplied, installed and satisfactorily commissioned equipment similar[**DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT]** to type, size and complexity as specified in the schedule of requirements.

3) End user Certificate shall be mandatory along with the proof of supply.

4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

(l) The Certificate of incorporation signed by the Registrar of Companies (ROC) notarized is to be uploaded in case Proprietor/Partnership Firm Registration of firm and GST registration, etc., notarized copy should be uploaded.

(m) Tender Form with an undertaking to abide by the terms and conditions of the tender in the format as per Section- VII is to be uploaded.

(n) The Manufacturers Authorization Form, referred in Section-XIII, in original, and copy of manufacturing license of the authorization issuing firm are also to be uploaded. The letter of authority should be issued to only one agent irrespective of models for this particular IFT. If it is found that letter of authority issued to more than one firm, all the bids for which the authorization is given will be considered Non-responsive.

Manufacturer's Authorization has to be considered from the Prime Manufacturer only. Second Authorization from the dealer, stockiest and any other representatives of Manufacturer shall not be considered.

(o) Equipment and quality control Employed by manufacturer as per proforma given in Section- XIV Equipment and Quality Control employed by the Manufacturer has to be furnished and signed by the Manufacturer only and submission of the same shall be mandatory and non-submission of the certificate shall be liable for rejection.

(p) Deleted.

(q) Self-declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items.

(r) The tenderer quoting for the equipments under import license shall produce all the above-mentioned documents and also has to produce the documents as formalized as per the prevailing international norms or bilateral agreements between India and the exporting country.

If the tenderer claims as an importer, the import license shall be in the tenderer's name only

(s) Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details to be uploaded.

(t) Quality certification for each Equipment quoted like ISO/CE/FDA, Technical brochure, IT returns, Bank Transactions. List of Item Quoted along with make model and specification to be uploaded separately.

The tender document shall have signature on all pages including the annexure by the authorized signatory, the documents / certificates should be under the name and address of the premises where items quoted are actually manufactured. The Documents uploaded should be clearly visible failing which such documents shall not be considered. The documents uploaded in general documents should be named individually.

Note: The originals of all the documents uploaded under Technical Bid shall be produced for verification on the date specified, after the opening of the Technical Bid. The manufacturing premises of all responsive bidders will be subject to physical verification if required by Government Tool Room & Training Centre,Bangalore, or by an agency authorized by the society to ascertain as to whether the bidder has the required manufacturing capacity commensurate with the bid quantity.

7.1.2 Second Cover: (Financial Bid)

7.1 Prices shall be mentioned in the e-portal system only.

7.2 The originals of all the documents uploaded as per requirement given in 7.1.1 above shall be produced for verification on the date specified, after the opening of First Cover failing which the tenders shall be considered as non-responsive.

7.3 DELETED.

8. Tender Form

8.1 As the tender has been invited through e-portal system, the Tender Form (Section-VIII) shall be uploaded in Cover-A without price.

9. Tender Prices

9.1 The Tenderer shall indicate on the Price Schedule in the e-portal system the unit prices and total tender prices of the equipment it proposes to supply under the Contract. However, tenderers shall quote for the complete requirements of equipments and services specified under each equipment on a single responsibility basis, failing which such tenders will not be taken into account for evaluation and will not be considered for award.

9.2 Prices indicated on the Price Schedule shall be entered separately as per e-procurement portal in the following manner:

(i) The price of the equipment, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales taxes charges to be paid.

a. on components and raw material used in the manufacture or assembly of equipment quoted ex-works or ex-factory; or

b. on the previously imported equipment of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.

(ii) Unit Price should be quoted separately. If not quoted separately, the bid will be liable for rejection

(iii) DELETED.

(iv) DELETED.

(v) The price of other incidental services listed in Clause 4 of the Special Conditions of Contract.

(vi) Deleted .

9.3 The Tenderer’s separation of the price components in accordance with ITT Clause 9.2 above will be solely for the purpose of facilitating the comparison of tenders by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered.

9.4 Prices quoted by the Tenderer shall be fixed during the Tenderer’s performance of the Contract and not subject to variation on any account. A tender uploaded with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 22.

10. Tender Currency:

10.1 Prices shall be quoted in Indian Rupees only.

11. **Documents Establishing Tenderer's Eligibility and Qualifications.**

11.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the Tenderer’s eligibility to tender and its qualifications to perform the Contract if its tender is accepted

11.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if its tender is accepted, shall establish to the Purchaser's satisfaction:

(a) that, in the case of a Tenderer offering to supply equipment under the contract which the Tenderer did not manufacture or otherwise produce, the Tenderer has been duly authorized (as per authorization form in Section XIII) by the equipment' Manufacturer or producer to supply the equipment in India.

[Note: 1. Supplies for any particular item quoted in the tender should be from one manufacturer only. Tenders from agents offering supplies from different manufacturers for the same item in the tender will be treated as non-responsive

2.The manufacturer who is authorizing particular agency should not authorize more than one firm irrespective of Model for this IFT. If it is found that the authorization is issued to more than one firm, all the bids for which the authorization is given will be considered as Non-responsive.].

(b) That the Tenderer has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the Qualification requirements specified in Section VII. To this end, all tenders uploaded shall include the following information:

(i) The legal status, place of registration and principal place of business of the company or firm or partnership, etc.

(ii) Details of experience and past performance of the tenderer on equipment offered and on those of similar nature within the past three years and details of current contracts in hand and other commitments (suggested proforma given in Section XII);

12. Documents Establishing Equipment' Eligibility and Conformity to Tender Documents

12.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the eligibility and conformity to the tender documents of all equipment and services which the tenderer proposes to supply under the contract.

12.2 The documentary evidence of conformity of the equipment and services to the tender documents may be in the form of literature, drawings and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the equipment.

(b) A visit giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the equipment for a period of two years, following commencement of the use of the goods by the Purchaser, wherever applicable; and

(c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the equipment and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

Technical Literature with model quoted and compliance statement is mandatory.

12.3 For purposes of the commentary to be furnished pursuant to ITT Clause 12.2(c) above, the Tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Tenderer may substitute alternative standards, brand names and/or catalogue numbers in its tender, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

13. Earnest Money Deposit (EMD)

13.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, earnest money deposit as specified in Section-V - Schedule of requirements.

13.2 The earnest money deposit is required to protect the Purchaser against the risk of Tenderer's conduct, which would warrant the security's forfeiture, pursuant to ITT Clause 13.7.

13.3 The Earnest Money Deposit shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:

- Credit Card.
- Direct Debit.
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC).

The OTC payment facility will be available at the designated Bank and branch or any bank approved by e-Governance for making payments from the date of tender notification.

13.4 Confirmation of receipt of EMD in Government of Karnataka central pool A/C held at the Bank approved by e-procurement will be verified. If found that an acceptable EMD is not received as indicated in Clause 13.3 above the tender shall be rejected by the Purchaser as Non – responsive.

13.5 Unsuccessful Tenderer's earnest money deposit will be refunded as promptly as early as possible after the expiration of the period of tender validity prescribed by the Purchaser, pursuant to ITT Clause 14.

13.6 The successful Tenderer's earnest money deposit will be refunded upon the tenderer signing the Contract, pursuant to ITT Clause 30, and furnishing the performance security, pursuant to ITT Clause 31.

13.7 The Earnest Money Deposit may be forfeited:

(a) If a Tenderer (i) withdraws its tender during the period of tender validity specified by the Tenderer on the Tender Form; or

(b) In case of a successful Tenderer, if the Tenderer fails:

(i) To sign the Contract in accordance with ITT Clause 30; or

(ii) To furnish performance security in accordance with ITT Clause 31.

Refund of EMD:

The EMD money will be kept in the central pooling account until the tender is awarded to the successful bidder.

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the Contractor registered in the e-Procurement system.

14. Period of Validity of Tenders

14.1 Tenders shall remain valid for 180 days after the deadline for uploading of tenders prescribed by the Purchaser, pursuant to ITT Clause 17. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.

14.2 In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable or telex or fax). The earnest money deposit provided under ITT Clause 13 shall also be suitably extended. Tenderers may refuse the request without forfeiting its earnest money deposit. Tenderers granting the request will not be required nor permitted to modify their tender.

15. Format and Signing of Tender

15.1 The Tenderer shall upload the tender along with all the requisite documents through e – tendering system by using User ID and digital signature on Technical and Financial Bids.

15.2 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the tender.

15.3 The Tenderer shall furnish information as described in the Form of Tender on commissions or gratuities, if any, paid or to be paid to agents relating to this Tender, and to contract execution if the Tenderer is awarded the contract.

15.4 Deleted

D. Submission of Tenders

16. Sealing and Marking of Tenders / Uploading

16.1 The Tenderers shall upload the Tender through e – tendering system only. No other mode of submission is permitted.

16.2 The Tender shall:

(a) Be addressed to the Purchaser at the following address:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,

Bangalore– 560010.

(b) Bear the Project Name, the Invitation for Tenders (IFT) title and number.

16.3 In addition to the identification required in Sub Clause 16.2, the tenderer shall provide the name and address of the Tenderer to make any further correspondence.

16.4 Telex, cable or facsimile tenders will be rejected.

17. Deadline for uploading of Tenders

17.1 Tenders must be uploaded by the Tenderers no later than the time and date specified in the Invitation for Tenders (Section I) on the e-procurement portal.

17.2 The Purchaser may, at its discretion, extend this deadline for uploading of tenders by amending the tender documents in accordance with ITT Clause 5, in which case all rights and obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the deadline as extended.

18. Late Tenders

18.1 Tenders cannot be uploaded by the tenderers after the deadline for uploading of tenders (on the e –procurement portal) prescribed by the Purchaser, pursuant to ITT Clause 17.

19. Modification and Withdrawal of Tenders

19.1 Deleted.

E. Tender Opening and Evaluation of Tenders

20. Opening of Tenders by the Purchaser

20.1 Opening of First Cover of all Tenderers and evaluation to determine qualified Tenderers by the Purchaser:

20.1.1 The Purchaser will open/unlock the First Covers of all tenderers uploaded through e-tendering system, in the presence of Tenderers' representatives who choose to attend, as per tender schedule mentioned in page one.

20.1.2 Deleted.

20.1.3 The Purchaser will prepare minutes of the tender opening.

20.1.4 The Purchaser will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 1.1, 11 and 12 (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause 13 and meets the qualification criteria stipulated in Section VII. The Purchaser will draw out a list of Qualified Tenderers.

20.2 Opening of Second Cover (Financial Bid) of Qualified Tenderers:

20.2.1 The Purchaser will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid by Tender Acceptance Authority which could be viewed automatically by the respective technically qualified tenderers. In this regard no separate intimation shall be made by the Purchaser.

21. Clarification of Tenders

21.1 During evaluation of tenders, the Purchaser may, at its discretion, ask the Tenderer for a clarification of its tender including the breakup of unit price. The request for clarification and the response shall be in writing and no change in prices or substance of the tender shall be sought, offered or permitted.

22. Preliminary Examination

22.1 The Purchaser will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order. Tenders from Agents, without proper authorization from the manufacturer as per Section XIII, shall be treated as non-responsive.

22.1.1 Deleted.

22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the supplier does not accept the correction of errors, its tender will be rejected and its EMD may be forfeited.

22.3 Deleted.

22.4 Prior to the detailed evaluation, pursuant to ITT Clause 23, the Purchaser will determine the substantial responsiveness of each tender to the tender documents. For purposes of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the tender documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 6), Warranty (GCC Clause 14), Force Majeure (GCC Clause 24), Limitation of liability (GCC Clause 28), Applicable law (GCC Clause 30), and Taxes & Duties (GCC Clause 32) will be deemed to be a material deviation. The Purchaser's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

22.5 If a tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Tenderer by correction of the non-conformity.

23. Evaluation and Comparison of Tenders

23.1 Deleted.

23.2 The Purchaser's evaluation of a tender will exclude and not take into account:

(a) Deleted.

23.3 The Purchaser's evaluation of a tender will take into account, in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

For overseas bids in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered up to CIF/ CIP India, however taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

(a) Cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination;

(b) Delivery schedule offered in the tender;

(c) Deleted.

(d) The availability in India of spare parts and after-sales services for the equipment offered in the tender;

(e) Deleted

(f) The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as technically Non-Responsive.

23.4 Pursuant to ITT Clause 23.3, one or more of the following evaluation methods will be applied:

(a) *Inland Transportation, Insurance and Incidentals*:

(i) Inland transportation, insurance and other incidentals for delivery of equipment to the final destination as stated in ITT Clause 9.2 (iii).

The above costs will be added to the tender price.

(b) *Delivery Schedule*:

(i) The Purchaser requires that the equipment under the Invitation for Tenders shall be delivered within 60 days [Date of issue of order,Supply,Installation,Commissioning & Training] as specified in the Schedule of requirements. The estimated time of arrival of the equipment at the project site should be calculated for each tender after allowing for reasonable transportation time. Treating the date as per Schedule of requirements as the base, a delivery "adjustment" will be calculated for other tenders at 2% of the ex-factory price including excise duty for each month of delay beyond the base and this will be added to the tender price for evaluation. No credit will be given to earlier deliveries and tenders offering delivery beyond **2** months of stipulated delivery period will be treated as non-responsive.

(c) *DELETED.*

(d) *Spare Parts and After Sales Service Facilities in India*:

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined elsewhere in the tender documents, if quoted separately, shall be added to the tender price.

(e) 24 months of warranty period for the supplied items.

24. Contacting the Purchaser

24.1 Subject to ITT Clause 21, no Tenderer shall contact the Purchaser on any matter relating to its tender, from the time of the tender opening to the time the Contract is awarded. If the tenderer wishes to bring additional information to the notice of the purchaser, it should do so in writing.

24.2 Any effort by a Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison or contract award may result in rejection of the Tenderer's tender.

F. Award of Contract:

25. Post qualification

25.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Tenderer that is selected as having uploaded the lowest evaluated responsive tender meets the criteria specified in ITT Clause 11.2 (b) and is qualified to perform the contract satisfactorily.

25.2 The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications uploaded by the Tenderer, pursuant to ITT Clause 11, as well as such other information as the Purchaser deems necessary and appropriate.

25.3 An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.

26. Award Criteria.

26.1 Subject to ITT Clause 28, the Purchaser will award the Contract to the successful Tenderer whose tender has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

27. Purchaser's right to vary Quantities as per KTPP

27.1 The Purchaser reserves the right to increase or decrease by up to 25 percent of the quantity of equipment and services originally specified in the Schedule of requirements without any change in unit price or other terms and conditions as per KTPP Act.

28. Purchaser's Right to Accept Any Tender and to Reject Any or All Tenders

28.1 The Purchaser reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

29. Notification of Award

29.1 Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its tender has been accepted.

29.2 The notification of award will constitute the formation of the Contract.

29.3 Upon the successful Tenderer's furnishing of performance security pursuant to ITT Clause 31, the Purchaser will promptly notify the name of the winning Tenderer to each unsuccessful Tenderer and will discharge its earnest money deposit, pursuant to ITT Clause 13.

29.4 If, after notification of award, a Tenderer wish to ascertain the grounds on which it's tender was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Tenderer.

30. Signing of Contract

30.1 At the same time as the Purchaser notifies the successful tenderer that its tender has been accepted, the Purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

30.2 Within 15 days of receipt of the Contract Form, the successful Tenderer shall sign the Contract and return it to the Purchaser.

31. Performance Security

31.1 Within 10 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.

31.2 Failure of the successful Tenderer to comply with the requirement of ITT Clause 30.2 or ITT Clause 31.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

32 Corrupt or Fraudulent Practices

32.1 The Government requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

(a) Defines, for the purposes of this provision, the terms set forth as follows:

(i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Tenderers (prior to or after tender uploading) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

32.2 Further, more Tenderers shall be aware of the provision stated in sub-clause 4.4 and sub-clause 23.1 of the General Conditions of Contract.

SECTION-III: GENERAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Clause

Number **Topic**

SECTION III – GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

(a) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

(b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;

(c) "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;

(d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

(e) "GCC" mean the General Conditions of Contract contained in this section.

(f) "SCC" means the Special Conditions of Contract.

(g) "The Purchaser" means the organization purchasing the Goods, as named in SCC.

(h) "The Purchaser's country" is the country named in SCC.

(i) "The Supplier" means the individual or firm supplying the Goods and Services under Contract.

(j) "The Government" means the Government of Karnataka State.

(k) "The Project Site", where applicable, means the place or places named in SCC.

(l) "Day" means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

4. Use of Contract Documents and Information; Inspection and Audit by the Government

4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any document, other than the Contract itself, enumerated in GCC Clause 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so, required by the Purchaser.

4.4 The supplier shall permit the Government to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government, if so, required by the Government.

5. Patent Rights

5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

6. Performance Security

6.1 Within 15 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of **5%** of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period. This Performance Security will carry no interest on being discharged.

6.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

6.3 The Performance Security shall be denominated in Indian Rupees and shall be in the following form:

(a) A cashier's cheque or Banker’s certified cheque, or crossed demand draft or pay order drawn in favor of the Purchaser.

6.4 The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any Warranty obligations, under the Contract and following receipt of a performance guarantee for 2.5% of the contract value excluding Comprehensive Maintenance Services cost towards guarantee for Comprehensive Maintenance Services as stated in clause of SCC.

6.5 In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

7. Inspections and Tests

7.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.

7.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser. All the travel and accommodation for the inspection team shall be borne by the Bidder.

7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

7.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

7.5 Nothing in GCC Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

7.6 Supplier / manufacturer must meet all the technical specifications and produce the test Certificates if requested in scheduled requirements "technical specifications". The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as Technically Non-Responsive.

7.7 Manuals and Drawings

7.7.1 Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals, circuit diagrams together with equipment. These shall be in such detail as will enable the Purchaser to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.

7.7.2 The manuals and drawings shall be in the ruling language (English) and in such form and numbers as stated in the contract.

7.7.3 Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

7.8 Acceptance certificates;

7.8.1 On successful completion of acceptability test, receipt of deliverables and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the supplier and the representative of purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

7.8.2 The operational and maintenance training as per clause 4 of special condition of contract shall be conducted on the dates mutually agreed.

8. Packing

8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

8.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

8.3 Packing Instructions: The Supplier will be required to make separate packages for each Consignee. Each Package will be marked on three sides with proper paint/indelible ink the following:

i) Supplied by ------------------------------ under (name of the Programme), ii) Contract No., iii) Suppliers Name and, iv) Packing List Reference number.

9. Delivery and Documents:

9.1 Delivery of the Goods shall be made within 60 days by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC. The goods should be delivered, installed, demonstrated and get the working satisfactory certificate from the end users and the same shall be submitted to this office.

10. Insurance

10.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War risks and Strikes.

11. Transportation

11.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as Project site, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.

12. Incidental Services

12.1 The supplier shall be required to provide any or all of the following services, including additional services, if any, specified in SCC:

(a) Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;

(b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;

(c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

(d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

12.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

13. Spare Parts

13.1 As specified in the SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a) such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

13.2 The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but, in any case, within 1 month of placement of order.

14. Warranty

14.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

14.2 This warranty shall remain valid for 24 months from date of commissioning or 18 months date of supply to GTTC.

(a) Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC clause 4; OR

(b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be as specified in the Technical Specifications.

14.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

14.4 Upon receipt of such notice, the Supplier shall, within the period of 2 days (excluding journey period) and with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 36 months.

14.5 If the Supplier, having been notified, fails to remedy the major fault within 7 days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk

and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

14.6 The Supplier shall guarantee a 90% uptime of equipments.

14.7 If any equipment gives continuous trouble, say three times in a month during the Warranty period, the Supplier shall replace the system(s) with new system(s) without any additional cost to the Purchaser.

14.8 Maintenance Service:

(i) Details of Service Center in Karnataka and contract person for maintenance should be provided.

(ii) Free maintenance services shall be provided by the Supplier during the period of warranty.

(iii) The maximum response time for maintenance complaint from any of the destinations specified in the Schedule of requirements (i.e. time required for supplier's maintenance engineer to report at the installation after a request call/telegram is made or letter is written) shall not exceed 2 days (excluding journey period).

(iv) It is expected that the average downtime of the item of equipment will be less than half the maximum downtime (i.e. defined as number of days for which an item of equipment is not usable because of inability of the supplier to repair it) as mentioned in the form of technical details. In case an item is not usable beyond the stipulated maximum downtime the supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for a penalty of Rs100 per day. The amount of penalty will be recovered from the Performance Security guarantee during warranty period. During comprehensive maintenance contract period, the penalty of Rs100 per day will be recovered from the 5% of Performance Security Guarantee charges.

(v) Deleted

15. Payment

15.1 The payment will be made in Indian rupees against submission of acknowledgements, installation report and stock certificates from the respective consignees.

15.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, uploaded pursuant to GCC Clause 9, and upon fulfillment of other obligations stipulated in the contract.

15.3 Payments shall be made as early as possible after successful installation and commissioning and functioning of equipments.

15.4 Deleted.

6. Prices

16.1 Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

17. Change Orders

17.1 The Purchaser may at any time, by written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipping or packing;

(c) The place of delivery; and/or

(d) The Services to be provided by the Supplier.

17.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

18. Contract Amendments- Advisory No.15

18.1 Subject to GCC Clause 17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

Advisory No.15

1 .Tripartite Agreement between Smart Cities SPV, Government Line Departments / Agencies and the Prospective Bidder in smart city projects.

Smart city SPVs have appointed Project Management Consultants (PMCs) to assist Cities in design, development, implementation and management of Smart City Projects as per Smart Cities Mission Guidelines. It has been observed that for certain projects, the respective line departments / Government agencies in the city posses strong technical expertise and execution capabilities which can be leveraged in executing Smart Cities projects faster, instead of depending solely upon the PMC. Moreover, in cities where there is no PMC, or the domain expertise is not available with them, the line departments / Government agencies can support the project development efforts of the SPV.

2. Considering the challenges that some of the Cities are facing due to lack of capacity in Project design, execution, and supervision, it is advised that for execution of specific projects which have been pending for implementation, the respective cities may explore arrangement of an appropriate Triparties Agreement between the SPV, Government line department / agency and prospective Bidder for the project. The salient features of such an arrangement may be as under.

i. Project may be identified through joint meeting of SPV and Government line department / agency as per the Smart Cities Proposal (SCP) / Mission Guidelines / circulars / Oms / New Project as approved by SPV Board.

ii. Such projects may be as per the delegations of power of the SPV. Thereafter, the SPV may issue administrative and financial sanction to the project.

iii. On receiving administrative and financial sanction of SPV, the Government line department / agency shall prepare the estimate and DPR if required, and put up for vetting and technical sanction of SPV. The estimate should be in consonance with SCP and include smart cities features as per the mission guidelines.

iv. After SPV's technical sanction, the Government line department/ agency may take up tender process management and supervision of the project. The SPV approval is necessary for placement of the work order on the contractor and for variations, if any.

v. A draft tripartite agreement should be drawn under approval of the SPV and be part of the tender document for each such projects which will be awarded to the successful bidder.

vi. The Government line department / agency shall ensure effective and efficient implementation of the project including supervisions, quality control arrangement & mechanism adhering to the rules of financial proprietary and schedule of powers and should submit monthly progress report to the SPV.

vii. SPV should, at all times, have the power to monitor and supervise implementation of the project in accordance with contract conditions and give such directions to the Government line department / agency as may be necessary for this purpose.

viii. SPV should ensure that the Government line department /agency maintain complete records of works for the purpose of inspection of any agency authorised by SPV/ State Government / Government of India.

ix. There shall not be any transfer of funds from SPV to Government department / agency. The payments should be disbursed directly by the SPV to the contactor on completion of each milestone as per the terms of the tender. The Government line department/ agency shall check and verify contractor's bills as per the standards of financial rules & schedule of power and submit to SPV for payment.

x. The Government department / agency shall maintain the created / developed assets during Defects Liability Period (DLP) or handover of possession to any agency designated by the SPV.

xi. The Smart Cities may decided upon reasonable supervision charges, if required that may be paid to the Government Department / Agency under such arrangement.

xii. The selected Bidder shall follow all terms & conditions of bid documents & the agreement entered into with the Government line department / agency. It shall ensure timely execution of work as per scope and specifications, within all quality control measures.

xiii. The selected Bidder should keep and maintain site record and allow inspection by any authorized persons /authority and provide full assistant during inspection.

3. This advisory is aimed at reducing time lag in issuing tenders and implementation supervision, thereby facilitation faster and sustainable implementation of the projects, ultimately helping in the success of the Mission program. While formalizing this arrangement, SPV may ensure adequate safeguard to ensure strict adherence to the SCM Guidelines and Prevent any potential issues that can arise between the involved parties with regard to interpretation. The Smart Cities may take necessary measures accordingly, in adopting this advisory.

19. Assignment- Agreement

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

Agreement-Memorandum of Understanding [MoU]

Draft Tripartite Agreement

Name of Project:Development of Training Infrastructure facilities at Government Tool Room & Training Centre [GTTC],Belagavi Centre

Implementing Agency (Authority): Government Tool Room & Training Centre [GTTC],Bangalore

Funding Agency: Belagavi Smart City Limited.,Belagavi

System Integrator:

TRI-PARTITE PROJECT DEVELOPMENT AND IMPLEMENTATION AGREEMENT

This Tri-Partite Project Development and Implementation Agreement (Agreement) is entered into on this the ___day of ________, 2020 at Belagavi

AMONGST

Belagavi Smart City Limited [BSCL], which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

Government Tool Room & Training Centre [GTTC],Bangalore is registered society under Karnataka State Societies Act, GTTC is administratively governed by Skill Development Entrepreneurship & Livelihood Department,GoK, which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

_____________________, a company incorporated under the provisions of the Companies Act, [1956/2013] and having its registered office at ___________________________, (hereinafter referred to as the Vendor which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Other Part.

WHEREAS:

A. BSCL will monitor the development of training infrastructure facilities at GTTC, Belagavi

B. GTTC would review and certify the work conducted by vendors. GTTC would decide regarding all technical aspect of the work.

C. **BSCL** shall pay to the vendors with respect to various payment milestone mentioned in the agreement.

D. Accordingly, the **GTTC** had invited proposals by its "**Request for Proposal**" or "**RFP**" for the selection of vendor on ------------, 2020prescribing the technical and commercial terms and conditions for selection of Bidders for undertaking for development of infrastructure facilities at GTTC,Belagavi. In this regard, **Authority** had received proposals from certain bidders including, inter alia, the consortium comprising M/s _________________________and M/s_________________(collectively the "**Consortium**") with M/s _____________________________as its lead member (the "**Lead Member**").

E. After evaluation of the Proposal received, bidders and the GTTC had accepted the bid of the bidder for development of infrastructure facilities at GTTC,Belagaviand issued its Letter of Award No. _______________________dated ____________ (herein after called the "**LOA**") to the ["**Selected Bidder**"] requiring, inter alia, the execution of this Agreement.

F. BSCL and GTTC has agreed to the said request of the bidder, and has accordingly agreed to enter into this Tri-Partite Project development of infrastructure facilities

at GTTC,Belagavifor execution of the Project, subject to and on the terms and conditions set forth hereinafter.

G. BSCL and GTTC acknowledges that simultaneously with the execution of this Agreement, the Vendor has submitted Performance Security for the amount and in the manner set out in ITB 45.

NOW, THEREFORE, in consideration of the foregoing and the respective covenants and agreements set forth in this Tri-Partite Project Development and Implementation Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as per Section 9 Contract Forms.

20. Subcontracts

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in his original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contracts shall be only for bought out items and sub-assemblies.

20.2 Subcontracts must comply with the provisions of GCC Clause 2.

21. Delays in the Supplier's Performance

21.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Schedule of requirements.

21.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier’s notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier’s time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

21.3 Except as provided under GCC Clause 24, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of liquidated damages.

22. Liquidated Damages

22.1 Subject to GCC Clause 24, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to **0.5%** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery (if delay is exceed more than 7 days it will be considered as 2 weeks for calculation of penalty) or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 23.

23. Termination for Default

23.1 The Purchaser shall, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

(a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 21; or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

(c) If the Supplier, in the judgement of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid uploading) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

23.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 23.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the

Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

24. Force Majeure

24.1 Notwithstanding the provisions of GCC Clauses 21, 22, 23, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

24.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

24.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

25. Termination for Insolvency

25.1 The Purchaser shall at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

26. Termination for Convenience

26.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

26.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

27. Settlement of Disputes

27.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

27.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

27.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

All legal claims shall be at Purchaser's Jurisdiction in Belagavi only

27.3 Notwithstanding any reference to arbitration herein:

(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) The Purchaser shall pay the Supplier any monies due to the Supplier.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 5,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing Language

29.1 The contract shall be written in English language. Subject to GCC Clause 30, English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.2 Indian manufacturer/ suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.\

32.3 Bidders from overseas countries shall be entirely responsible for all taxes, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION - IV: SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Item No.	Topic
1.	Definitions (GCC Clause 1)
2.	Inspection and Tests (GCC Clause 7)
3.	Delivery and Documents (GCC Clause 9)
4.	Incidental Services (GCC Clause 12)
5.	Payment (GCC Clause 15)
6.	Settlement of Disputes (GCC Clause 27)
7.	Notices (GCC Clause 31)
8.	Progress of Supply
9.	Right to use defective equipment
10	Supplier Integrity
11	Supplier's Obligation
12	Patent Rights
13	Site Preparation and Installation
14	Equipment Installation
15	Equipment Maintenance
16	Training
17	Technical Documentation

Section: IV- Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. Definitions (GCC Clause 1).

a) The Purchaser is Managing Director, Government Tool Room & Training Centre,Bangalore.

b) The Supplier is individual or firm supplying. Goods and Services under this contract.

2. Inspection and Tests (GCC Clause 7).

The following inspection procedures and tests are required by the Purchaser:

1) Pre-dispatch inspection of the equipment at Manufacturing unit as decided by Managing Director, Government Tool Room & Training Centre, Bangalore,if required or a representative from Government Tool Room & Training Centre, as already mentioned in ITT clause 23.3 (f).

2) Inspection by GTTC end user and team of experts appointed by Government Tool Room & Training Centre, on site as per specifications.

3. Delivery and Documents (GCC Clause 9) Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/telex/fax the full details of the shipment including contract number, railway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall submit the following documents to the purchaser with a copy to the insurance company:

(i) Four Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount along with acknowledgement and stock certificate from the respective consignees.
(ii) Railway receipt/acknowledgment of receipt of goods from the consignee(s).
(iii) Four Copies of packing list identifying the contents of each package.
(iv) Insurance Certificate
(v) Manufacturer's/Supplier's warranty certificate.
(vi) Inspection Certificate issued by the nominated inspection agency, end user and the Supplier's factory inspection report, and
(vii) Copy of Bill of entry or Bill of landing for imported equipments

The above documents shall be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

4. Incidental Services (GCC Clause 12)

The following services shall be furnished and the cost shall be included in the contract price:

(a) Unloading, safe storage and handling of the consignment at site.

(b) Performance of the on-site assembly, commissioning and start-up of the equipment.

(c) Furnishing the detailed operation and maintenance manuals for each items of supply at each location.

(d) Training of the Purchaser's personnel at the installation site.

(e) Deleted

(f) Deleted

(g) Deleted

(h) Deleted

(i) Deleted

5. **Payment (GCC Clause 15)**

(a) For equipments:

(i) Deleted.

(ii) Deleted.

Payment will be made after the receipt of Equipments, satisfactory installation and commissioning, training and certified by the concerned HOD.

6. Settlement of Disputes (Clause 27)

The dispute settlement mechanism to be applied pursuant to GCC Clause 27.2.2 shall be as follows:

(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996, by a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the President of the Institution of Engineers (India). A certified copy of the appointment Order shall be supplied to each of the Parties.

(b) Arbitration proceedings shall be held at Bangalore Karnataka, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

(c) The decision of the arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings shall be borne by each party itself.

7. Notices (Clause 31)

For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

Purchaser:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,

Bangalore– 560010

Supplier: (To be filled in at the time of Contract signature)

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8. **Progress of Supply:**

Supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:

- Quantity offered for inspection and date;
- Quantity accepted/rejected by inspecting agency and date;
- Quantity dispatched/delivered to consignees and date;
- Quantity where incidental services have been satisfactorily completed with date;
- Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract

(In case of stage-wise inspection, details required may also be specified).

9. Right to use defective equipment:

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the Purchase shall have the right to continue to operate or use such equipment until rectifications of defects, errors or

omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

10. Supplier Integrity:

The supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

11. Supplier's Obligations:

The Supplier is obliged to work closely with the Purchaser's staff, act within its own authority and abide by directives issued by the Purchaser and implementation activities.

The Supplier will abide by the job safety measures prevalent in India and will free the Purchaser from all demands or responsibilities arising from accidents or loss of life the cause of which is the Supplier's negligence. The Supplier will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.

The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.

The Supplier will treat as confidential all data and information about the Purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of the Purchaser.

12. Patent Rights:

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.

13. Site Preparation and Installation:

The purchaser / consignee will designate the installation sites before the scheduled installation date to allow supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the equipments.

14. Equipment Installation:

The supplier is responsible for all unpacking, assembling, wiring, installation, cabling between equipment and power supply. The supplier will test all equipment operations and accomplish all adjustments necessary for successful and continuous operation of the equipment at all installation sites.

15. Equipment Maintenance:

Deleted

16. Training:

For each unit of equipment installed, the supplier is required to train designated purchaser's / consignee's technical and end user personnel to enable them to effectively operate the equipment. The training schedule will be agreed by both purchaser and consignees and the supplier during the performance of the contract.

17. Technical Documentation:

The technical documentation involving detailed operation and maintenance shall be delivered with every unit supplied. The language of the documentation shall be in English.

SECTION-V SCHEDULE OF REQUIREMENTS

PART – I

Note:

1.: The EMD's shall be submitted through electronic transfer as per ITT clause –7 (page -13) on or before the due date for submission of tender, as per Tender Schedule.

2. The equipments quoted should have the approval of all the competent authorities, and should have F.D.A/ C.E.,/ A.E.R.B/ ISO documents, relating to the approval should be uploaded.

Delivery Schedule: Supply and commissioning at the site within **60**daysfrom the date of issue of Supply Order.

The consignee list:
To be installed and commissioned at Government Tool Room& Training Centre[GTTC]Udyambag Industrial Estate, Belagavi, Karnataka on Behalf The Managing Director, Government Tool Room & Training Centre[GTTC] Rajajinagar Industrial Estate,Bangalore– 560010

Section-VI Technical Specifications

BID REF.: GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

1] Desktop Computers ,Qty. 80 nos.

01	**Processor**	**INTEL@ Core i5 (3.20 to 4GHz)**
02	**Graphics Card**	**NVIDIA Quadro 2GB**
03	**RAM**	**16 GB DDR4 (2133 /2400) or More**
04	HDD	1 TB 7200 RPM SATA or 512GB SSD
05	Mother Board	OEM
06	Display	22 Inches Backlit LED HD Monitor (1920 X 1080, Wide screen display)
07	Ethernet Port	Integrated 10/100/1000 MBPS Ethernet controller
08	I/O Ports	4 USB 3.0 (2 fronts / 2 rear); 2 USB 3.1; 4 USB 2.0 (2 front / 2 rear); 2 PS/2; 1 LAN /RJ 45; VGA
09	Mouse	USB wired Optical Mouse
10	Keyboard	USB Wired Optical Keyboard
11	Operating System	Latest version Windows 10 Professional (64BIT) with IE 11
12	Warranty	Three year onsite warranty
13	Software	Pre-loaded MS Office and Anti-Virus
14	Certification	Windows Energy Star, EPEAT, ISO9001,2008

2] LED Projector, Qty. 5 nos.

Parameter	**Specifications Offered**
Make & Model	
Technology	DLP with Laser LED light source
Ultra Short Throw	0.28:1 Throw Ratio suitable for Smartboards
Resolution	1280 x 800
Brightness	3100 ANSI Lumens
Contrast Ratio	20000:1
Projection Mode	Front and ceiling/Wall
Built In Speaker	16W
Life	Upto 20000 hours
Wireless Capable	Wireless LAN Adaptor YW40 included
Ports	D-sub(VGA)X2 IN, 1 Out, HDMI, 1XRCA, Stereo Mini Audio in & out, 3.5mm stereo Mic Input jacks and USB Port, RJ45 Wired LAN
Remote Controller	Yes. With batteries
Wall Mount Bracket	YM81 to be supplied along
Accessories	With 10 mtrs power, HDMI & VGA cable to make the projector functional
Warranty	bidder to extend 3 years comprehensive on site warranty with Lamp Warranty of 10000 Hrs or 5 Years whichever is earlier
Tender Specific MAF	Should be an authorised Dealer

3] Smart Boards, Qty. 5 nos.

Electronic Interactive Board Specifications		
Sl. No.	**Feature**	**Description**
1	Technology	Infrared(IR) or better
2	Active Area Diagonal Size (inches)	Min. 82 Inches Diagonal
3	Aspect Ratio	4:3 / 16:9/16:10
4	Hot keys	On both sides of the Boards with description of Icons with single touch feature access consisting of Calibration, Page Up, Page Down, Mode Switch, Black Pen, Blue Pen, Red Pen, Highlighter, Smart Brush, Eraser, Undo, Clear Screen, Text, Insert, Scree Recorder, Keyboard and Camera
5	Resolution	30000*30000 or better
6	Touch Interface	Finger & Stylus
7	Accuracy	1mm or better
8	Interface	USB
9	Multi-Touch	Minimum 6 points touch
10	OS Driver Support	Win 10,8 or Latest (32bit & 64bit) and Linux
11	Operationc Temperature	0-40℃
12	Software Features	Normal Pen, Smart Brush, Tool Pen, Writing Pen, Highlighter, Emphasize Pen, Brush pen, Bamboo Pen, Pen, Pencil and Texture, Different sizes available with Region eraser, Shapes, Stamp, Text, Generic consist of (shapes, Arrows, National Map, National Flag), Education Consist of Physics, chemistry, Biology, Geography, sports, arts and lab apparatus subjects, Search Light, Screen Curtain, Magic layer, turn table, explorer, screenshot, magnifier, calculator, soft keyboard, Timer, Geometry Tools, Screen recording, webcam, Screen Lock, Education practical's feels like original (Maths, Physics, chemistry, Geography). Desktop Annotation, White board, Green Board, Black Board, Different types of exercise books, Customization board. Cloud storage, Cloud Download, Select & Remove blank Pages. Multiple numbers of images available like maps, agricultural, animals and many more. Can Import & Export documents/contents. Annotation of on video, PPT, PDF. Annotate on PC/ Laptop with the help of smart phone
13	Accessories	USB interface cable, 02 no. of pens & pen Holder, Software / Driver for integration with computer, Wall Mounting Kit & Operating manual
14	Tender Specific MAF	Should be an authorised Dealer

4]Technical Specifications for Visual for smart board, Qty. 2 nos.

1	Total Pixels	Min. 5 Mega Pixel
2	Zoom	Minimum 12x Optical Zoom, 15x Digital Zoom
3	Frame Rate	Min. 30 FPS
4	Shooting Area	Minimum A4 Size
5	Focus	Auto/Manual
6	Resolution	It should have 950 TV Lines or more. It should have native resolution of 1920 x 1080 Full HD
7	Signal Support	It should support the following resolutions 1024×768; 1280×1024;upto 1920x1080
8	White Balance	It should have option of Auto/ Manual White Balance.
9	Multimedia Function	It should have the following Functions: Color/Black-White, Mirror, Rotate, Brightness Control, Freeze, PIP, PBP, Preview.
10	Input ports	It should have Atleast 1VGA-IN, 1 HDMI-IN, Audio-IN
11	Output ports	It should have 1VGA-OUT, 1 HDMI-OUT, Audio-OUT
12	Other Port / Connectivity	It should have USB Port x1, Direct Mouse connectivity Port, Direct Microphone Input
13	Remote Control	Required

5] UPS - 10KVA 60 Minutes Backup , Qty. 02 nos.

Sl.No.	Item	Specification
01	Type	Online 3 phase input and single phase output
02	Capacity	10KVA
03	Backup time	60mins
04	Input frequency	50Hz ± 3%
05	Input Voltage	300V – 450V
06	Output Voltage	230V ± 1%
07	Output Frequency	50Hz ± 0.5 Hz
08	Input Power Factor	>0.90
09	Output Power Factor	0.8 lag to unity PF
10	Wave foam	Pure sine Wave
11	Alarm	Low Battery, UPS Overload
12	Technology	IGBT Based PWM Technology
13	Battery make	Preferred brand: Pansonic / Global / Exide / Amron
14	Battery Type	Tubular C – 10 rating only
15	VAH	>16,000 VAH
16	Overload capacity	150% for 01 minute, 125% for 10 minutes
17	Invertor efficiency	90%
18	Overall efficiency	90%
19	Regulation	± 1%
20	THD	<2%
21	Protection	Automatic discharge protection with self test features, overload search protection, input fault, Cold start, low battery, battery overcharge, output short circuit, charging current circuit, invertor overt temperature

22	LCD Display	Out put voltage, output current, load percentage, output frequency, input voltage, battery voltage
23	Load test	At 100% load on resistive load
24	Certification	ISO 9001 – 2008 or higher, ETDC / CPRI test report and BIS certification

6]. Colour Multifunctional Printer - Qty. - 2nos.

Colour Multi-Function Machine 22ppm, Print, copy, COLOR SCANDUPLEX, NET WORK CARD AND PANAL ,High definition Simitri toner, Biomass technology, low power consumption.

7]. Photocopier Machine - Qty. - 1no.

Photo Copier Machine: 22ppm, Print, copy, scan,2GB RAM,250 GB HARD DISC, SCAN TO USB, PRINT FROM USB ,2 TRAY,1 MULTI BYPASS TRAY, RADF, Stand, High definition Simitri toner, Biomass technology, low power consumption.

8] 2.0 Ton Split Air conditioner - Qty. - 8nos.

STAR RATING	5
CAPACITY TON	2
POWER SUPPLY VOLT/PHASE/HZ	23/1/50
COMPRESSOR TYPE	ROTARY
REFRIGERANT	R410A / Equivalent
CONDENSER	COPPER
INDOOR UNIT	
NOISE LEVEL DB (A) LOW	41
AIR FLOW CMH (TURBO)	1250
OUTDOOR UNIT	
OTHER FEATURES	
HEAT MODE	_
AERODYNAMIC	YES
HEAVY DUTY COMPRESSOR	YES
AIR FLOW DIRECTION	2 WAY

1. List of Goods and Delivery Schedule
2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

SECTION - VII : QUALIFICATION CRITERIA

(Referred to in Clause 11.2(b) of ITT)

1. (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar **[DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT]**to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)

(b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:

(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)

(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar **[DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT]**to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)

If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

2. The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.

3. The following routine test (final test) needs to be done on all products, which are ready to dispatch. The test report should be made available for inspecting authorities for checking

Valid Certificate as prescribe in the Technical specification is mandatory.

Hands on training for operation and maintenance by the supplier is mandatory

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. The average annual financial turnover of the bidder should be, not less than Rs. **150.00** Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

7. Bidder shall quote for all the item. Partial quote is not accepted.

8. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC, Belagavi centre, as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

9. Supply shall be completed within 60 days from the date of issue of Purchase order. The supplier shall submit 5% of basic order value as performance security

10. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required.

11. Payments terms: (i)Eighty(80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 05% of basic order value as performance warranty for a period of 24 months from the date of commissioning.

SECTION – VIII

TENDER OFFER FORM

Date :......................................

IFT No:

To:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

Having examined the tender documents in connection with the Supply of below goods called in this tender to your department for the year _________ called by you, I / We, the undersigned offer to supply and deliver the above said items in conformity with the terms and conditions of the tender at the rates quoted in the price bid if the contract is awarded in my / our favour.

Sl. No.	Name of the Equipment	Model Quoted	Remarks

I / We undertake if our quotation is accepted, I / We will enter into contract to deliver the goods in accordance with the delivery schedule. I / We agree to abide by this tender for the specified period.

I / We undertake to deposit Security Deposit amount in accordance with the terms and conditions of the tender if our offer is accepted. I / We understand that you are not bound to accept the lowest or any quotations you may receive. We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of requirements.

If our tender is accepted, we will obtain DD towards performance security guarantee of a bank a sum equivalent to 5 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.We agree to abide by this tender for the Tender validity period specified in Clause 14.1 of the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.We undertake that, in competing for (and, if the award is made to us, in executing) the above

contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per ITT Clause 1 of the tender documents.

Dated this .... day of .... (year).

(Signature) *(In the capacity of)*

TENDER DECLARATION FORM

(Ref. Section II – Clause No. 2.A-8(b))

Ref:- Tender Notification No.

Tender for Supply of EQUIPMENTS for the Year 2018-19.

Format of undertaking to be furnished by the tenderer for having

Accepted the terms & conditions of the tender document.

To,

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir,

In accordance with the terms and conditions of tender document for supply of **Equipments**for the year 2018-19 (Extendable for three months), I/We have gone through all the terms & conditions and hereby agree to accept and undertake to abide the same.

Further stating that firm is not Black Listed with any Government/Quasi Government Organizations & the documents submitted in Tender are not false/erroneous.

Date Place	Signature ( ) Name in capital Seal of the/company.

Price Schedule format is available in the e-portal as an inbuilt option. Tenderer shall fill up Price Bid Schedule on-line along with other requirements. The split up prices like Unit cost and sales tax shall be uploaded.

PRICE SCHEDULE
Format - VIII/B

Deleted

SECTION-IX DETAILS OF EARNEST MONEY DEPOSITED

From: (Tenderer)

…………………………………

…………………………………

…………………………………..

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

Sir

1. We have deposited Earnest Money Deposit of Rs………………………… (Rupees………………………………………………. only) at approved bank by e-procurement to central pooling account of Government of Karnataka, the details of which are as follows:

(a) Bank & Branch …………………………..
(b) Method of remittance and its details ……………………
(c) DD for Rs. bearing no. of

2. We agree that the EMD may be forfeited by the purchaser if we:

(d) Withdraw our tender during the period of tender validity specified by us in the Tender Form (Section VIII);
(e) Do not accept the correction of the Tender Price Pursuant to Clause 22.2 of I.T.T
(f) Do not sign the Agreement within the specified time limit in case we are successful and notification of award has been communicated;
(g) Do not furnish the required Performance Security deposit as required ITT Clause 31.

____

Name of Tenderer

SECTION - X: CONTRACT FORM

THIS AGREEMENT made on the ....day of.................................. (year) between.......................... *(Name of purchaser)*of.............. *(Country of Purchaser)* Hereinafter called "the Purchaser" of the one part and..................... *(Name of Supplier)* of......................... *(City and Country of Supplier)* (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz……………………… *(Brief Description of Goods and Services)* and has accepted a tender by the Supplier for the supply of those goods and services in the sum of.............................. *(Contract Price in Words and Figure),* here in after called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

(a) The Tender Form and the Price Schedule uploaded by the Tenderer;

(b) The Schedule of requirements;

(c) The Technical Specifications;

(d) The General Conditions of Contract;

(e) The Special Conditions of Contract; and

(f) The Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which will be supplied/provided by the Supplier are as under:

Sl. No.	Brief Description of Equipments& Services	Quantity to be Supplied	Unit Price	Total Price	Sales Tax If Any	Grand Total	Delivery Terms

TOTAL VALUE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said... (For the Purchaser)

In the presence of: ………………………..

Signed, Sealed and Delivered by the

Said... (For the Supplier)

In the presence of: ....

SECTION - XI

PERFORMANCE SECURITY FORM

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

WHEREAS.. (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No............................ dated, / / to supply of ……………………………..(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Demand Draft as Performance Security by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

WE have hereby enclosed Demand Draft for total amount of.................................. ......(Amount of the Demand Draft Words and Figures) and we undertake to permit you to encase the Demand Draft on default under the Contract and without cavil or argument, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Performance Security is valid until the ....day of...................(year) (Warranty period + CMC period + 60 days).

Signature &Name of the bidder

Date......................

Address:
....
....

SECTION - XI / A

Deleted

.

SECTION –XII

(Please refer Section VII Para 1(a))

Proforma for Qualification Criteria for the manufacturer to the extent of 80% in any one of the last three years:2016-17, 2017-18, 2018-19

IFT No:

Name of the Manufacturer:……………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any
1	2	3	4	5	6

Signature and Seal of the Tenderer:---

Note:

1. To be furnished and signed by the Manufacturer, only for any one of the last 3 years.
2. Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
3. Performance of 80% shall be considered for similar type, size and complexity of equipment.

SECTION –XII A

(Please refer Section VII of 1(b)-iii)

Proforma for Qualification Criteria for the Authorized Agents to the extent of 30% in any one of the last three years :2016-17, 2017-18, 2018-19

IFT No:
Name of the Authorized Agent:……………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any	Has the goods/ equipment been satisfactorily functioning. (Attach a Certificate from the Purchaser) *
1	2	3	4	5	6	7

Signature and Seal of the Tenderer: --

Note:

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
2) Performance of 30% shall be considered for similar type, size and complexity of equipment.
3) End user Certificate shall be mandatory along with the proof of supply.
4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

SECTION - XIII

MANUFACTURERS' AUTHORIZATION FORM

(Please see Clause 11.2(a) of Instructions to Tenderers)

No. Date:

To,

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)*do hereby authorize M/s *(Name and address of Agent)* to submit a tender, and sign the contract with you for the goods manufactured by us against the above IFT.

We hereby extend our full guarantee and warranty as per Clause 14 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFT.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

2. This letter of authority should be issued to only one agent irrespective of models for this particular IFT. If found that the letter of authority is issued to more than one firm, all the bids for which the authorizations are given will be considered Non-Responsive. [Refer 7.1.1 (m)]

SECTION - XIV

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

[Refer 7.1.1 (n) of ITT]

IFTNO.

NAME OF THE TENDERER: ....

(Note: All details should relate to the manufacturer for the items offered for supply)

1. Name & full address of the Manufacturer

2. (a) Telephone & Fax No Office/Factory/Works

   (b) Telex No. Office/Factory/Works

   (c) Telegraphic address:

3. Location of the manufacturing factory.

4. Details of Industrial License, wherever required as per statutory regulations.

5. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).

6. Details of the process of manufacture in the factory.

7. Details & stocks of raw materials held.

8. Production capacity of item(s) quoted for, with the existing Plant & Machinery

   8.1 Normal

   8.2 Maximum

9. Details of arrangement for quality control of products such as laboratory, testing equipment etc.

10. Details of staff:

10.1 Details of technical supervisory staff in charge of production & quality control.

10.2 Skilled labour employed.

10.3 Unskilled labour employed.

10.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.

11. Whether Goods are tested to any standard specification? If so, copies of original test certificates should be uploaded in triplicate.

12. Is the Manufacturer registered with the Directorate General of Supplies and Disposals, New Delhi 110 001, India? If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

....

Signature and seal of the Manufacturer

SECTION - XV
PROOF OF SERVICE CENTRE IN KARNATAKA

SECTION - XVI

DECLARATION FOR PERFORMANCE OF QUOTED MODEL

No. Date:

To

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)* do hereby declare that the quoted model______________ is performing satisfactorily for the past 12 months.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of declaration should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

XVII - Document Verification Check list

Tender No.		
To be uploaded by the bidder as per the tender document requirement in the following pattern		
(Bidder quoting for more than 1 equipment, quoted list of equipment to be attached)		
Sl. No.	**Details**	**Uploaded (Yes/No)**
1	EMD	
2	PAN Card to be uploaded.	
3	GST Registration Certificate	
4	Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	
5	Sales Tax / GST clearance certificate of previous 3 Years.	
6	Annual Turnover for the years 2016-17, 2017-18, 2018-19	
7	Balance Sheet for the past three years 2016-17, 2017-18, 2018-19	
8	Profit and Loss account statement for the years 2016-17, 2017-18, 2018-19	
9	Certificate of Incorporation	
10	Tender Offer Form	
11	Tender Declaration Form	
12	SSI issued by Industrial Commerce Department Government of Karnataka/MSME	
13	Import License (if quoted for imported goods)	
14	Manufacturing License	
15	Authorization by Manufacturer	
16	80% Performance Statement for manufacturer	
17	Proof of 80% performance (Supply orders / invoice copies)	
18	30% Performance statement, for dealer.	
19	Proof of 30% performance (Supply orders / invoice copies)	
20	End User Certificate	

21	Equipment & Quality Control Certificate.	
22	Technical Literatures / Broacher	
23	Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	
24	List of Equipment quoted in the tender, should be submitted with Seal and Signature.	
25	In case of dealer / authorized agent should submitthe C.M.C. cost agreement from the manufacturer of quoted equipment.	
26	Self declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items	
27	Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details.	

Note: Any other documents required as mentioned in the tender document

to be uploaded apart from the above list.

ANNEXURE – I

<u>Deleted</u>

ANNEXURE -II

Annual Turnover Statement

[Refer 7.1.1(f) of ITT]

The Annual Turnover of M/s. ___________________________________

for the past three years are given below and certified that the statement is true and correct.

Sl.No.	Financial years		Turnover in Lakhs (Rs)
	First Year	-	**2016-17**
	Second Year	-	**2017-18**
	Third Year	-	**2018-19**

Total - Rs. _______________ Lakhs.

Date:

Signature of Chartered Accountant

Seal:

(Name in Capital)

Annexure -III

List of Banks as per e-portal.

GOVERNMENT TOOL ROOM & TRAINING CENTER.

BANGALORE

CLIENTS LIST

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. If required additional sheets may be added separately in

Name of Bidder	

GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

& Model:	

Note : The bidders must mention the details of supplied relevant machine only in the below

Sl. No.	Clients Name & Address	Telephone No.	Contact Person	Supplied Machine Model No.	Date of Supply

GOVERNMENT TOOL ROOM & TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE
BANGALORE-560 010 - KARNATAKA - INDIA

PROCUREMENT OF ROBOT**ROBOTIC LAB. & ELECTRONIC LAB.**

GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOLA.&OTHER/SEC-3/BD-03/2019-20

BIDDING DOCUMENT

JANUARY2020

LAST DATE FOR SUBMISSION:14.02.2020,17.00 HRS

Invitation for Bids

Govt. Tool Room & Training Centre
Rajajinagar Industrial Estate
Bangalore 560 010
Karnataka, India

PROCUREMENT OF ROBOT**ROBOTIC LAB. & ELECTRONIC LAB.**

GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOLA.&OTHER/SEC-3/BD-03/2019-20

This Invitation for Bids follows the General Procurement Notice for this Project that appeared in News Papers.

2. The Govt. Tool Room &Trg. Centre, Bangalore invites through E-Tendering (in two stages - Technical bid & Commercial bid) from bidders for supply of following items.

Sl.No	Description	Quantity	Amount put to tender in Indian Rupees in Lakhs	Earnest Money deposit in Indian Rupees in Lakhs
01	Procurement of Robo Lab.	1set	**95.53**	**2.00**
02	Procurement of Electronic Lab	1set		

3. Interested bidders may obtain further information from Govt. Tool Room &Trg. Centre, Rajajinagar Industrial Estate, Bangalore 560 010, Karnataka, India, from 13.01.2020till the last day on all working days between 8.30AM and 5.00PM. Weekly holidays: Saturdays & Sundays.

4. Complete set of Bidding Documents in **ENGLISH** is available through https://eproc.karnataka.gov.in For registration with the service provider contact help desk phone no: +918023010900/01

5. Bids along with supportive documents must be uploaded through the above-mentioned web site on or before Dt.14.02.2020, 17.00 Hrs**.** Bids uploading will not be possible after the date & time given. Technical Bids will be opened electronically on Dt**. 17.02.2020** after 15.00Hrs.

6. Duly signed with stamp of hard copy of Technical Bid along with other documents like catalogue, company in - corporation certificates, authorization letter (If any), clientele list, etc., has to be submitted within 2 working days after opening of the technical bid.

Kindly note that the hard copy of the price bid should **NOT** be submitted with the technical bid.

Instructions to Bidders

1. Scope of Bid	Govt. Tool Room & Training Centre (GTTC), the purchaser**,** issues the Bidding Document for the procurement of ROBOTIC LAB & ELECTRONIC LAB EQUIPMENTS to GTTCBelgaum. as specified in the Schedule of Requirements.
2. Sources of Funds	*Belagavi Smart City,Belagavi.*

TENDER SCHEDULE FOR THE SUPPLY OF EQUIPMENT

TENDER REFERENCE	:	GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOLA.&OTHER/SEC-3/BD-03/2019-20
Commencement of Down load of e-tender form from website http://eproc.karnataka.gov.in	:	From: 13/01/2020.
Last Date for Queries Through On-Line	:	14/02/2020 till 5:00 p.m.
Pre-Bid Meeting	:	31/01/2020 at 11:00 a.m.
Last date and time for uploading of e-tender in e-procurement platform on or before	:	14/02/2020 up to 17.00 Hours
The Technical Bid will be opened on	:	17/02/2020 at 15.00 Hours
Financial Bid Opening	:	-
Place of Opening of Tenders and Address for Communication.	:	GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE

Note:

(1) In the event of the specified date of opening of First Cover (Technical Bid) being declared a holiday for the purchaser, the First Cover (Technical Bid) shall be opened on the next working day at the same time and venue.

(2) Completed tenders shall be uploaded through e-tendering system by the Tenderers using their User ID and addressed to the **Managing Director,** GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE **-560010** in the manner prescribed under Instructions to Tenderers Section II of Tender Documents on or before the last date & time stipulated.

(3) Only Online Queries on the e-Procurement Portal will be accepted. Queries through letters, mails or any other mode will not be entertained.

(4) Only those Tenderers / bidders, which are found to be responsive on document verification, shall be intimated for equipment demonstration.

(5) The tenderers / bidders should upload all the documents as per the Clause No. **XVII**.

Sl. No	SECTIONS
1.	I – Invitation for Tenders (IFT)
2.	II – Instruction to Tenderers (ITT)
3.	III – General Condition of Contract (GCC)
4.	IV – Special Condition of Contract (SCC)
5.	V – Schedule of Requirements with Consignee list
6.	VI – Technical Specification
7.	VII – Qualification Criteria
8.	VIII – Tender form and Price Schedule
9.	IX – Details of Earnest Money to be Deposited
10.	X – Contract Form
11.	XI – Performance Security Form
12.	XI / A – Comprehensive Maintenance security Bank Guarantee Form
13.	XII – Proforma for Performance Statement Form
14.	XII –Proforma for Qualification Criteria for the Manufacturer
15.	XII A– Proforma for Qualification Criteria for the Authorized Agent
16.	XIII- Manufacturers Authorization Form
17.	XIV – Goods and Quality Control Form
18.	XV – Service Centers in Karnataka
19.	XVI - Declaration For Performance Of Quoted Model
20.	XVII – Document Verification Checklist

e - TENDERS FOR THE SUPPLY OF EQUIPMENTS

SECTION I. INVITATION FOR TENDERS (IFT)

Tender Notification No: GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOLA.&OTHER/SEC-3/BD-03/2019-2

1. The Managing Director, GTTC,RAJAJINAGAR INDUSTRIAL ESTATE,BANGALORE (Purchaser) invites e - tenders from eligible tenderers who are registered for e-platform by using ID & Digital Signature for the supply of above said units:

NOTE : 1) The bidder should pay the consolidated E.M.D. of those equipment for which he is quoted in the tender by adding the E.M.D. shown against each **(Schedule)** and mentioning the Sl. No. of respective item.

2. The tenderers may upload tenders for the above goods individually. Tenderers are advised to note the qualification criteria specified in Section VII to qualify for award of the contract, (vide Section XII and XII A) in addition to other requirements of the tender. Two Cover tender procedures shall be followed. The Tenderers are required to upload First Cover i.e. Technical Bid consisting of document as specified in clause 7.1.1 of ITT and Second Cover i.e. Financial Bid Consisting Price Schedule for the equipment, as well as for CMC (wherever is applicable).

3. Tender documents may be downloaded from the web site http://eproc.karnataka.gov.in

4. Tenderers must provide Earnest Money Deposit (EMD) as specified in the tender document which shall have to be made through electronic system (Refer Section-V Schedule of requirement).

5. Tenders along with necessary enclosures must be uploaded to the web site http://eproc.karnataka.gov.in as per tender schedule mentioned in page 1 and First Cover containing the Technical Bid will be opened as per tender schedule in the presence of the tenderers or their authorized representatives who wish to attend. If the office happens to be closed on the date of opening of the tenders as specified, the tenders will be opened on the next working day at the same time and venue.

6. Deleted

7. Deleted

8. Deleted.

9. The Second Cover (Financial Bid) of the Tenderers who are technically qualified / responsive will be opened through e-tendering system. Please refer clause 20.2 of I.T.T.

10. Other details can be seen in the tender documents.

SECTION II: INSTRUCTIONS TO TENDERERS

TABLE OF CLAUSES

Clause No. **Topic**

F. Award of Contract

25. Post-qualification.
26. Award Criteria.
27. Purchaser’s Right to Vary Quantities as per KTPP.
28. Purchaser’s Right to accept any Tender and to reject any or all Tenders.
29. Notification of Award.
30. Signing of Contract .
31. Performance Security.
32. Corrupt and Fraudulent Practices.

SECTION II: INSTRUCTION TO TENDERERS

A. Introduction

1. Eligible Tenderers:

1.1 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the equipment to be purchased under this Invitation of Tenders.

1.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Karnataka

2. Cost of Tendering:

2.1 The Tenderer shall bear all costs associated with the preparation and uploading of its tender, and the Managing Director, Government Tool Room & Training Centre, Bangalore, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

B. The Tender Documents

3. Contents of Tender Documents

3.1 The goods required, tendering procedures and contract terms are prescribed in the tender documents. In addition to the Invitation for Tenders, the tender documents include:

a) Instruction to Tenderers (ITT)
b) General Conditions of Contract (GCC)
c) Special Conditions of Contract (SCC)
d) Schedule of requirements with consignee list – Section V
e) Technical Specifications – Section VI
f) Qualification Criteria – Section VII

g) Tender Form and Price Schedules – Section VIII
h) Earnest Money Deposit – Section IX
i) Contract Form – Section X
j) Performance Security Form – Section XI
k) Performance Statement Form – Section XII
l) Manufacturer's Authorization Form – Section XIII
m) Equipment and Quality Control Form – Section XIV
n) Proof of Service Centre in Karnataka – Section XV
o) Declaration for Performance of quoted model – Section XVI
p) Document Verification Checklist – Section XVII

3.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or uploading of a tender not substantially responsive to the tender documents in every respect will be at the Tenderer's risk and may result in rejection of its tender.

4. Clarification of Tender Documents

4.1 Only Online Queries on the e-Procurement Portal before the time line given will be accepted. Queries through letters, mails or any other mode will not be entertained.

5. Amendment of Tender Documents

5.1 At any time prior to the deadline for uploading of tenders, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, modify the tender documents by amendment.

5.2 Amendments, if any as per clause 5.1 above will be notified as Addendum/Corrigendum through the e-procurement portal and office notice board and the same will be binding on all prospective Tenderers.

5.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Purchaser, at its discretion, may extend the deadline for the uploading of tenders.

<u>Preparation of Tenders:</u>

6. Language of Tender.

6.1 The tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender exchanged by the Tenderer and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

7. Documents Constituting the Tender

7.1 The tender prepared by the Tenderer shall comprise the following components and shall be uploaded in two covers containing the documents as follows:

7.1.1 First Cover: (Technical Bid)

(a) Earnest money deposit Rs.2.00 Lakh, details in accordance with ITT Clause 13, receipt of the payment made to be uploaded.

(b) Documentary evidence established in accordance with ITT Clause 11 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;

(c) Documentary evidence established in accordance with ITT Clause 12 that the equipment and ancillary services to be supplied by the Tenderer are eligible equipment and services and conform to the tender documents.

(d) GST/Sales Registration Certificate with Latest commodity list.

(e) Sales Tax Clearance Certificate as per Annexure-I or in the valid format of the Commercial Tax Department for Previous Financial Year issued by the concerned authorities is to be uploaded

(f) Annual Turnover for the preceding three financial years i.e., 2016-17, 2017-18, 2018-19 certified by Auditor / Chartered Accountant as per Annexure-II is to be uploaded.

(g) Income Tax Returns for the preceding three financial years i.e. 2016-17, 2017-18, 2018-19to be uploaded.

(h) Copies of Balance Sheet and Profit and Loss Account for preceding three financial years i.e., 2016-17, 2017-18, 2018-19duly certified by the Chartered Accountant / Auditor, is to be uploaded.

(i) Notarized Copy of the Manufacturing license obtained from the following competent authority shall be uploaded:

1) <u>Directorate of Industries & Commerce of a State or Union Territory.</u>
2) <u>District Industries & Commerce</u>

(j) Performance of the manufacturer - 80% performance in any one of the last three financial years to be submitted issued by Competent Authority as per Section-XII is to be uploaded.

1) To be furnished and signed by the Manufacturer only, in any one of the last 3 years i.e., **2016-17, 2017-18,2018-19**.

2) Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

3) Performance of 80% shall be considered for the manufactured, tested and supplied equipment similar[Robot and Electronics Lab items]to type, size and complexity as specified in the schedule of requirements.

(k) Performance of the dealer- 30% Performance in any one of the last three financial years i.e., **2016-17, 2017-18,2018-19**is also to be uploaded as per Section-XII-A in case of tenderer is an agent/dealer along with 80% manufacturer Performance.

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.

2) Performance of 30% shall be considered for the supplied, installed and satisfactorily commissioned equipment similar[Robot and Electronics Lab items] to type, size and complexity as specified in the schedule of requirements.

3) End user Certificate shall be mandatory along with the proof of supply.

4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

(l) The Certificate of incorporation signed by the Registrar of Companies (ROC) notarized is to be uploaded in case Proprietor/Partnership Firm Registration of firm and GST registration, etc., notarized copy should be uploaded.

(m) Tender Form with an undertaking to abide by the terms and conditions of the tender in the format as per Section- VII is to be up loaded.

(n) The Manufacturers Authorization Form, referred in Section-XIII, in original, and copy of manufacturing license of the authorization issuing firm are also to be uploaded. The letter of authority should be issued to only one agent irrespective of models for this particular IFT. If it is found that letter of authority issued to more than one firm, all the bids for which the authorization is given will be considered Non-responsive.

Manufacturer's Authorization has to be considered from the Prime Manufacturer only. Second Authorization from the dealer, stockiest and any other representatives of Manufacturer shall not be considered.

(o) Equipment and quality control Employed by manufacturer as per proforma given in Section- XIV Equipment and Quality Control employed by the Manufacturer has to be furnished and signed by the Manufacturer only and submission of the same shall be mandatory and non-submission of the certificate shall be liable for rejection.

(p) Deleted.

(q) Self-declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items.

(r) The tenderer quoting for the equipments under import license shall produce all the above-mentioned documents and also has to produce the documents as formalized as per the prevailing international norms or bilateral agreements between India and the exporting country.

If the tenderer claims as an importer, the import license shall be in the tenderer's name only

(s) Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details to be uploaded.

(t) Quality certification for each Equipment quoted like ISO/CE/FDA, Technical brochure, IT returns, Bank Transactions. List of Item Quoted along with make model and specification to be uploaded separately.

The tender document shall have signature on all pages including the annexure by the authorized signatory, the documents / certificates should be under the name and address of the premises where items quoted are actually manufactured. The Documents uploaded should be clearly visible failing which such documents shall not be considered. The documents uploaded in general documents should be named individually.

<u>Note</u>: The originals of all the documents uploaded under Technical Bid shall be produced for verification on the date specified, after the opening of the Technical Bid. The manufacturing premises of all responsive bidders will be subject to physical verification if required by Government Tool Room & Training Centre,Bangalore, or by an agency authorized by the society to ascertain as to whether the bidder has the required manufacturing capacity commensurate with the bid quantity.

7.1.2 Second Cover: (Financial Bid)

7.1 Prices shall be mentioned in the e-portal system only.

7.2 The originals of all the documents uploaded as per requirement given in 7.1.1 above shall be produced for verification on the date specified, after the opening of First Cover failing which the tenders shall be considered as non-responsive.

7.3 DELETED.

8. Tender Form

8.1 As the tender has been invited through e-portal system, the Tender Form (Section-VIII) shall be uploaded in Cover-A without price.

9. Tender Prices

9.1 The Tenderer shall indicate on the Price Schedule in the e-portal system the unit prices and total tender prices of the equipment it proposes to supply under the Contract. However, tenderers shall quote for the complete requirements of equipments and services specified under each equipment on a single responsibility basis, failing which such tenders will not be taken into account for evaluation and will not be considered for award.

9.2 Prices indicated on the Price Schedule shall be entered separately as per e-procurement portal in the following manner:

(i) The price of the equipment, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales taxes charges to be paid.

a. on components and raw material used in the manufacture or assembly of equipment quoted ex-works or ex-factory; or

b. on the previously imported equipment of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.

(ii) Unit Price should be quoted separately. If not quoted separately, the bid will be liable for rejection

(iii) DELETED.

(iv) DELETED.

(v) The price of other incidental services listed in Clause 4 of the Special Conditions of Contract.

(vi) Deleted .

9.3 The Tenderer's separation of the price components in accordance with ITT Clause 9.2 above will be solely for the purpose of facilitating the comparison of tenders by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered.

9.4 Prices quoted by the Tenderer shall be fixed during the Tenderer's performance of the Contract and not subject to variation on any account. A tender uploaded with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 22.

10. Tender Currency:

10.1 Prices shall be quoted in Indian Rupees only.

11. **Documents Establishing Tenderer's Eligibility and Qualifications.**

11.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the Tenderer's eligibility to tender and its qualifications to perform the Contract if its tender is accepted

11.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if its tender is accepted, shall establish to the Purchaser's satisfaction:

(a) that, in the case of a Tenderer offering to supply equipment under the contract which the Tenderer did not manufacture or otherwise produce, the Tenderer has been duly authorized (as per authorization form in Section XIII) by the equipment' Manufacturer or producer to supply the equipment in India.

[Note: 1. Supplies for any particular item quoted in the tender should be from one manufacturer only. Tenders from agents offering supplies from different manufacturers for the same item in the tender will be treated as non-responsive

2.The manufacturer who is authorizing particular agency should not authorize more than one firm irrespective of Model for this IFT. If it is found that the authorization is issued to more than one firm, all the bids for which the authorization is given will be considered as Non-responsive.].

(b) That the Tenderer has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the Qualification

requirements specified in Section VII. To this end, all tenders uploaded shall include the following information:

(i) The legal status, place of registration and principal place of business of the company or firm or partnership, etc.

(ii) Details of experience and past performance of the tenderer on equipment offered and on those of similar nature within the past three years and details of current contracts in hand and other commitments (suggested proforma given in Section XII);

12. Documents Establishing Equipment' Eligibility and Conformity to Tender Documents

12.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, documents establishing the eligibility and conformity to the tender documents of all equipment and services which the tenderer proposes to supply under the contract.

12.2 The documentary evidence of conformity of the equipment and services to the tender documents may be in the form of literature, drawings and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the equipment.

(b) A visit giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the equipment for a period of two years, following commencement of the use of the goods by the Purchaser, wherever applicable; and

(c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the equipment and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

Technical Literature with model quoted and compliance statement is mandatory.

12.3 For purposes of the commentary to be furnished pursuant to ITT Clause 12.2(c) above, the Tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Tenderer may substitute alternative standards, brand names and/or catalogue numbers in its tender, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

13. Earnest Money Deposit (EMD)

13.1 Pursuant to ITT Clause 7, the Tenderer shall furnish, as part of its tender, earnest money deposit as specified in Section-V - Schedule of requirements.

13.2 The earnest money deposit is required to protect the Purchaser against the risk of Tenderer's conduct, which would warrant the security's forfeiture, pursuant to ITT Clause 13.7.

13.3 The Earnest Money Deposit shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:

- Credit Card.
- Direct Debit.
- National Electronic Funds Transfer (NEFT)
- Over the Counter (OTC).

The OTC payment facility will be available at the designated Bank and branch or any bank approved by e-Governance for making payments from the date of tender notification.

13.4 Confirmation of receipt of EMD in Government of Karnataka central pool A/C held at the Bank approved by e-procurement will be verified. If found that an acceptable EMD is not received as indicated in Clause 13.3 above the tender shall be rejected by the Purchaser as Non – responsive.

13.5 Unsuccessful Tenderer's earnest money deposit will be refunded as promptly as early as possible after the expiration of the period of tender validity prescribed by the Purchaser, pursuant to ITT Clause 14.

13.6 The successful Tenderer's earnest money deposit will be refunded upon the tenderer signing the Contract, pursuant to ITT Clause 30, and furnishing the performance security, pursuant to ITT Clause 31.

13.7 The Earnest Money Deposit may be forfeited:

(a) If a Tenderer (i) withdraws its tender during the period of tender validity specified by the Tenderer on the Tender Form; or

(b) In case of a successful Tenderer, if the Tenderer fails:

(i) To sign the Contract in accordance with ITT Clause 30; or

(ii) To furnish performance security in accordance with ITT Clause 31.

Refund of EMD:

The EMD money will be kept in the central pooling account until the tender is awarded to the successful bidder.

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the Contractor registered in the e-Procurement system.

14. Period of Validity of Tenders

14.1 Tenders shall remain valid for 180 days after the deadline for uploading of tenders prescribed by the Purchaser, pursuant to ITT Clause 17. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.

14.2 In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable or telex or fax). The earnest money deposit provided under ITT Clause 13 shall also be suitably extended. Tenderers may refuse the request without forfeiting its earnest money deposit. Tenderers granting the request will not be required nor permitted to modify their tender.

15. Format and Signing of Tender

15.1 The Tenderer shall upload the tender along with all the requisite documents through e – tendering system by using User ID and digital signature on Technical and Financial Bids.

15.2 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the tender.

15.3 The Tenderer shall furnish information as described in the Form of Tender on commissions or gratuities, if any, paid or to be paid to agents relating to this Tender, and to contract execution if the Tenderer is awarded the contract.

15.4 Deleted

D. Submission of Tenders

16. Sealing and Marking of Tenders / Uploading

16.1 The Tenderers shall upload the Tender through e – tendering system only. No other mode of submission is permitted.

16.2 The Tender shall:

(a) Be addressed to the Purchaser at the following address:

The Managing Director,
Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,
Bangalore– 560010.

(b) Bear the Project Name, the Invitation for Tenders (IFT) title and number.

16.3 In addition to the identification required in Sub Clause 16.2, the tenderer shall provide the name and address of the Tenderer to make any further correspondence.

16.4 Telex, cable or facsimile tenders will be rejected.

17. Deadline for uploading of Tenders

17.1 Tenders must be uploaded by the Tenderers no later than the time and date specified in the Invitation for Tenders (Section I) on the e-procurement portal.

17.2 The Purchaser may, at its discretion, extend this deadline for uploading of tenders by amending the tender documents in accordance with ITT Clause 5, in which case all rights and obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the deadline as extended.

18. Late Tenders

18.1 Tenders cannot be uploaded by the tenderers after the deadline for uploading of tenders (on the e –procurement portal) prescribed by the Purchaser, pursuant to ITT Clause 17.

19. Modification and Withdrawal of Tenders

19.1 Deleted.

E. Tender Opening and Evaluation of Tenders

20. Opening of Tenders by the Purchaser

20.1 Opening of First Cover of all Tenderers and evaluation to determine qualified Tenderers by the Purchaser:

20.1.1 The Purchaser will open/unlock the First Covers of all tenderers uploaded through e-tendering system, in the presence of Tenderers' representatives who choose to attend, as per tender schedule mentioned in page one.

20.1.2 Deleted.

20.1.3 The Purchaser will prepare minutes of the tender opening.

20.1.4 The Purchaser will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 1.1, 11 and 12 (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause 13 and meets the qualification criteria stipulated in Section VII. The Purchaser will draw out a list of Qualified Tenderers.

20.2 Opening of Second Cover (Financial Bid) of Qualified Tenderers:

20.2.1 The Purchaser will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid by Tender Acceptance Authority which could be viewed automatically by the respective technically qualified tenderers. In this regard no separate intimation shall be made by the Purchaser.

21. Clarification of Tenders

21.1 During evaluation of tenders, the Purchaser may, at its discretion, ask the Tenderer for a clarification of its tender including the breakup of unit price. The request for clarification and the response shall be in writing and no change in prices or substance of the tender shall be sought, offered or permitted.

22. Preliminary Examination

22.1 The Purchaser will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order. Tenders from Agents, without proper authorization from the manufacturer as per Section XIII, shall be treated as non-responsive.

22.1.1 Deleted.

22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the supplier does not accept the correction of errors, its tender will be rejected and its EMD may be forfeited.

22.3 Deleted.

22.4 Prior to the detailed evaluation, pursuant to ITT Clause 23, the Purchaser will determine the substantial responsiveness of each tender to the tender documents. For purposes of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the tender documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 6), Warranty (GCC Clause 14), Force Majeure (GCC Clause 24), Limitation of liability (GCC Clause 28), Applicable law (GCC Clause 30), and Taxes & Duties (GCC Clause 32) will be deemed to be a material deviation. The Purchaser's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

22.5 If a tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Tenderer by correction of the non-conformity.

23. Evaluation and Comparison of Tenders

23.1 Deleted.

23.2 The Purchaser's evaluation of a tender will exclude and not take into account:

(a) Deleted.

23.3 The Purchaser's evaluation of a tender will take into account, in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

For overseas bids in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods offered up to CIF/ CIP India, however taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 23.4 and in the Technical Specifications:

(a) Cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination;

(b) Delivery schedule offered in the tender;

(c) Deleted.

(d) The availability in India of spare parts and after-sales services for the equipment offered in the tender;

(e) Deleted

(f) The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as technically Non-Responsive.

23.4 Pursuant to ITT Clause 23.3, one or more of the following evaluation methods will be applied:

(a) *Inland Transportation, Insurance and Incidentals*:

(i) Inland transportation, insurance and other incidentals for delivery of equipment to the final destination as stated in ITT Clause 9.2 (iii).

The above costs will be added to the tender price.

(b) *Delivery Schedule*:

(i) The Purchaser requires that the equipment under the Invitation for Tenders shall be delivered within 90 days [Date of issue of order,Supply,Installation,Commissioning & Training] as specified in the Schedule of requirements. The estimated time of arrival of the equipment at the project site should be calculated for each tender after allowing for reasonable transportation time. Treating the date as per Schedule of requirements as the base, a delivery "adjustment" will be calculated for other tenders at 2% of the ex-factory price including excise duty for each month of delay beyond the base and this will be added to the tender price for evaluation. No credit will be given to earlier deliveries and tenders offering delivery beyond **2** months of stipulated delivery period will be treated as non-responsive.

(c) *DELETED.*

(d) *Spare Parts and After Sales Service Facilities in India*:

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined elsewhere in the tender documents, if quoted separately, shall be added to the tender price.

(e) 12 months of warranty period for the supplied items.

24. Contacting the Purchaser

24.1 Subject to ITT Clause 21, no Tenderer shall contact the Purchaser on any matter relating to its tender, from the time of the tender opening to the time the Contract is awarded. If the tenderer wishes to bring additional information to the notice of the purchaser, it should do so in writing.

24.2 Any effort by a Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison or contract award may result in rejection of the Tenderer's tender.

F. Award of Contract:

25. Post qualification

25.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Tenderer that is selected as having uploaded the lowest evaluated responsive tender meets the criteria specified in ITT Clause 11.2 (b) and is qualified to perform the contract satisfactorily.

25.2 The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications uploaded by the Tenderer, pursuant to ITT Clause 11, as well as such other information as the Purchaser deems necessary and appropriate.

25.3 An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.

26. Award Criteria.

26.1 Subject to ITT Clause 28, the Purchaser will award the Contract to the successful Tenderer whose tender has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

27. Purchaser's right to vary Quantities as per KTPP

27.1 The Purchaser reserves the right to increase or decrease by up to 25 percent of the quantity of equipment and services originally specified in the Schedule of requirements without any change in unit price or other terms and conditions as per KTPP Act.

28. Purchaser's Right to Accept Any Tender and to Reject Any or All Tenders

28.1 The Purchaser reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

29. Notification of Award

29.1 Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its tender has been accepted.

29.2 The notification of award will constitute the formation of the Contract.

29.3 Upon the successful Tenderer's furnishing of performance security pursuant to ITT Clause 31, the Purchaser will promptly notify the name of the winning Tenderer to each unsuccessful Tenderer and will discharge its earnest money deposit, pursuant to ITT Clause 13.

29.4 If, after notification of award, a Tenderer wish to ascertain the grounds on which it’s tender was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Tenderer.

30. Signing of Contract

30.1 At the same time as the Purchaser notifies the successful tenderer that its tender has been accepted, the Purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

30.2 Within 15 days of receipt of the Contract Form, the successful Tenderer shall sign the Contract and return it to the Purchaser.

31. Performance Security

31.1 Within 10 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.

31.2 Failure of the successful Tenderer to comply with the requirement of ITT Clause 30.2 or ITT Clause 31.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

32 Corrupt or Fraudulent Practices

32.1 The Government requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the Government:

(a) Defines, for the purposes of this provision, the terms set forth as follows:

(i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Tenderers (prior to or after tender uploading) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government-financed contract.

32.2 Further, more Tenderers shall be aware of the provision stated in sub-clause 4.4 and sub-clause 23.1 of the General Conditions of Contract.

SECTION-III: GENERAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Clause

Number **Topic**

SECTION III – GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

(a) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

(b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;

(c) "The Goods" means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;

(d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

(e) “GCC” mean the General Conditions of Contract contained in this section.

(f) “SCC” means the Special Conditions of Contract.

(g) “The Purchaser” means the organization purchasing the Goods, as named in SCC.

(h) “The Purchaser’s country” is the country named in SCC.

(i) “The Supplier” means the individual or firm supplying the Goods and Services under Contract.

(j) “The Government” means the Government of Karnataka State.

(k) “The Project Site”, where applicable, means the place or places named in SCC.

(l) “Day” means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

4. Use of Contract Documents and Information; Inspection and Audit by the Government

4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any document, other than the Contract itself, enumerated in GCC Clause 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so, required by the Purchaser.

4.4 The supplier shall permit the Government to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government, if so, required by the Government.

5. Patent Rights

5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

6. Performance Security

6.1 Within 15 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of **5%** of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period. This Performance Security will carry no interest on being discharged.

6.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

6.3 The Performance Security shall be denominated in Indian Rupees and shall be in the following form:

(a) A cashier's cheque or Banker's certified cheque, or crossed demand draft or pay order drawn in favor of the Purchaser.

6.4 The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any Warranty obligations, under the Contract and following receipt of a performance guarantee for 2.5% of the contract value excluding Comprehensive Maintenance Services cost towards guarantee for Comprehensive Maintenance Services as stated in clause of SCC.

6.5 In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

7. Inspections and Tests

7.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.

7.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser. All the travel and accommodation for the inspection team shall be borne by the Bidder.

7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

7.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

7.5 Nothing in GCC Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

7.6 Supplier / manufacturer must meet all the technical specifications and produce the test Certificates if requested in scheduled requirements “technical specifications”. The bidders are instructed to give demonstration at their own cost, if requested by the purchaser, failing which it will be considered as Technically Non-Responsive.

7.7 Manuals and Drawings

7.7.1 Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals, circuit diagrams together with equipment. These shall be in such detail as will enable the Purchaser to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.

7.7.2 The manuals and drawings shall be in the ruling language (English) and in such form and numbers as stated in the contract.

7.7.3 Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

7.8 Acceptance certificates;

7.8.1 On successful completion of acceptability test, receipt of deliverables and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the supplier and the representative of purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

7.8.2 The operational and maintenance training as per clause 4 of special condition of contract shall be conducted on the dates mutually agreed.

8. Packing

8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

8.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

8.3 Packing Instructions: The Supplier will be required to make separate packages for each Consignee. Each Package will be marked on three sides with proper paint/indelible ink the following:

i) Supplied by ------------------------------ under (name of the Programme), ii) Contract No., iii) Suppliers Name and, iv) Packing List Reference number.

9. Delivery and Documents:

9.1 Delivery of the Goods shall be made within 60 days by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC. The goods should be delivered, installed, demonstrated and get the working satisfactory certificate from the end users and the same shall be submitted to this office.

10. Insurance

10.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from “warehouse to warehouse” (final destinations) on “All Risks” basis including War risks and Strikes.

11. Transportation

11.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as Project site, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.

12. Incidental Services

12.1 The supplier shall be required to provide any or all of the following services, including additional services, if any, specified in SCC:

(a) Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;

(b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods;

(c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

(d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

12.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

13. Spare Parts

13.1 As specified in the SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a) such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

13.2 The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but, in any case, within 1 month of placement of order.

14. Warranty

14.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

14.2 This warranty shall remain valid for 12 months from date of commissioning or 18 months date of supply to GTTC.

(a) Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC clause 4; OR

(b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be as specified in the Technical Specifications.

14.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

14.4 Upon receipt of such notice, the Supplier shall, within the period of 2 days (excluding journey period) and with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected or replaced material shall be extended to a further period of 36 months.

14.5 If the Supplier, having been notified, fails to remedy the major fault within 7 days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

14.6 The Supplier shall guarantee a 90% uptime of equipments.

14.7 If any equipment gives continuous trouble, say three times in a month during the Warranty period, the Supplier shall replace the system(s) with new system(s) without any additional cost to the Purchaser.

14.8 Maintenance Service:

(i) Details of Service Center in Karnataka and contract person for maintenance should be provided.

(ii) Free maintenance services shall be provided by the Supplier during the period of warranty.

(iii) The maximum response time for maintenance complaint from any of the destinations specified in the Schedule of requirements (i.e. time required for supplier’s maintenance engineer to report at the installation after a request call/telegram is made or letter is written) shall not exceed 2 days (excluding journey period).

(iv) It is expected that the average downtime of the item of equipment will be less than half the maximum downtime (i.e. defined as number of days for which an item of equipment is not usable because of inability of the supplier to repair it) as mentioned in the form of technical details. In case an item is not usable beyond the stipulated maximum downtime the supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair/replacement will be liable for a penalty of Rs100 per day. The amount of penalty will be recovered from the Performance Security guarantee during warranty period. During comprehensive maintenance contract period, the penalty of Rs100 per day will be recovered from the 5% of Performance Security Guarantee charges.

(v) Deleted

15. Payment

15.1 The payment will be made in Indian rupees against submission of acknowledgements, installation report and stock certificates from the respective consignees.

15.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, uploaded pursuant to GCC Clause 9, and upon fulfillment of other obligations stipulated in the contract.

15.3 Payments shall be made as early as possible after successful installation and commissioning and functioning of equipments.

15.4 Deleted.

6. Prices

16.1 Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

17. Change Orders

17.1 The Purchaser may at any time, by written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

(a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

(b) The method of shipping or packing;

(c) The place of delivery; and/or

(d) The Services to be provided by the Supplier.

17.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

18. Contract Amendments-Advisory No.15

18.1 Subject to GCC Clause 17, no variation in or modification of the terms of the Contract shall be made except Advisory No.15

1 .Tripartite Agreement between Smart Cities SPV, Government Line Departments / Agencies and the Prospective Bidder in smart city projects.

Smart city SPVs have appointed Project Management Consultants (PMCs) to assist Cities in design, development, implementation and management of Smart City Projects as per Smart Cities Mission Guidelines. It has been observed that for certain projects, the respective line departments / Government agencies in the city posses strong technical expertise and execution capabilities which can be leveraged in executing Smart Cities projects faster, instead of depending solely upon the PMC. Moreover, in cities where there is no PMC, or the domain expertise is not available with them, the line departments / Government agencies can support the project development efforts of the SPV.

2. Considering the challenges that some of the Cities are facing due to lack of capacity in Project design, execution, and supervision, it is advised that for execution of specific projects which have been pending for implementation, the respective cities may explore arrangement of an appropriate Triparties Agreement between the SPV, Government line department / agency and prospective Bidder for the project. The salient features of such an arrangement may be as under.

i. Project may be identified through joint meeting of SPV and Government line department / agency as per the Smart Cities Proposal (SCP) / Mission Guidelines / circulars / Oms / New Project as approved by SPV Board.

ii. Such projects may be as per the delegations of power of the SPV. Thereafter, the SPV may issue administrative and financial sanction to the project.

iii. On receiving administrative and financial sanction of SPV, the Government line department / agency shall prepare the estimate and DPR if required, and put up for vetting and technical sanction of SPV. The estimate should be in consonance with SCP and include smart cities features as per the mission guidelines.

iv. After SPV's technical sanction, the Government line department/ agency may take up tender process management and supervision of the project. The SPV approval is necessary for placement of the work order on the contractor and for variations, if any.

v. A draft tripartite agreement should be drawn under approval of the SPV and be part of the tender document for each such projects which will be awarded to the successful bidder.

vi. The Government line department / agency shall ensure effective and efficient implementation of the project including supervisions, quality control arrangement & mechanism adhering to the rules of financial proprietary and schedule of powers and should submit monthly progress report to the SPV.

vii. SPV should, at all times, have the power to monitor and supervise implementation of the project in accordance with contract conditions and

give such directions to the Government line department / agency as may be necessary for this purpose.

viii. SPV should ensure that the Government line department /agency maintain complete records of works for the purpose of inspection of any agency authorised by SPV/ State Government / Government of India.

ix. There shall not be any transfer of funds from SPV to Government department / agency. The payments should be disbursed directly by the SPV to the contactor on completion of each milestone as per the terms of the tender. The Government line department/ agency shall check and verify contractor's bills as per the standards of financial rules & schedule of power and submit to SPV for payment.

x. The Government department / agency shall maintain the created / developed assets during Defects Liability Period (DLP) or handover of possession to any agency designated by the SPV.

xi. The Smart Cities may decided upon reasonable supervision charges, if required that may be paid to the Government Department / Agency under such arrangement.

xii. The selected Bidder shall follow all terms & conditions of bid documents & the agreement entered into with the Government line department / agency. It shall ensure timely execution of work as per scope and specifications, within all quality control measures.

xiii. The selected Bidder should keep and maintain site record and allow inspection by any authorized persons /authority and provide full assistant during inspection.

3. This advisory is aimed at reducing time lag in issuing tenders and implementation supervision, thereby facilitation faster and sustainable implementation of the projects, ultimately helping in the success of the Mission program. While formalizing this arrangement, SPV may ensure adequate safeguard to ensure strict adherence to the SCM Guidelines and Prevent any potential issues that can arise between the involved parties with regard to interpretation. The Smart Cities may take necessary measures accordingly, in adopting this advisory.

by written amendment signed by the parties.

19. Assignment- MoU

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

Agreement-Memorandum of Understanding [MoU]

Draft Tripartite Agreement

Name of Project: Development of Training Infrastructure facilities at Government Tool Room & Training Centre [GTTC],Belagavi Centre

Implementing Agency (Authority): Government Tool Room & Training Centre [GTTC],Bangalore

Funding Agency: Belagavi Smart City Limited.,Belagavi

System Integrator:

TRI-PARTITE PROJECT DEVELOPMENT AND IMPLEMENTATION AGREEMENT

This Tri-Partite Project Development and Implementation Agreement (Agreement) is entered into on this the ___day of ________, 2020 at Belagavi

AMONGST

Belagavi Smart City Limited [BSCL], which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

Government Tool Room & Training Centre [GTTC],Bangalore is registered society under Karnataka State Societies Act, GTTC is administratively governed by Skill Development Entrepreneurship & Livelihood Department,GoK, which expression shall, unless it be repugnant to the context or meaning thereof, include it's administrators, successors, and assigns);

AND

______________________, a company incorporated under the provisions of the Companies Act, [1956/2013] and having its registered office at ____________________________, (hereinafter referred to as the Vendor which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the Other Part.

WHEREAS:

A. BSCL will monitor the development of training infrastructure facilities at GTTC, Belagavi

B. GTTC would review and certify the work conducted by vendors. GTTC would decide regarding all technical aspect of the work.

C. **BSCL** shall pay to the vendors with respect to various payment milestone mentioned in the agreement.

D. Accordingly, the **GTTC** had invited proposals by its "**Request for Proposal**" or "**RFP**" for the selection of vendor on ------------, 2020 prescribing the technical and commercial terms and conditions for selection of Bidders for undertaking for development of infrastructure facilities at GTTC, Belagavi. In this regard, **Authority** had received proposals from certain bidders including, inter alia, the consortium comprising M/s __________________________and M/s__________________(collectively the "**Consortium**") with M/s ______________________________as its lead member (the "**Lead Member**").

E. After evaluation of the Proposal received, bidders and the GTTC had accepted the bid of the bidder for development of infrastructure facilities at GTTC,Belagavi and issued its Letter of Award No. ______________________dated ____________ (herein after called the "**LOA**") to the ["**Selected Bidder**"] requiring, inter alia, the execution of this Agreement.

F. BSCL and GTTC has agreed to the said request of the bidder, and has accordingly agreed to enter into this Tri-Partite Project development of infrastructure facilities at GTTC,Belagavi for execution of the Project, subject to and on the terms and conditions set forth hereinafter.

G. BSCL and GTTC acknowledges that simultaneously with the execution of this Agreement, the Vendor has submitted Performance Security for the amount and in the manner set out in ITB 45.

NOW, THEREFORE, in consideration of the foregoing and the respective covenants and agreements set forth in this Tri-Partite Project Development and Implementation Agreement, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as per Section 9 Contract Forms.

20. Subcontracts

20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in his original tender or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contracts shall be only for bought out items and sub-assemblies.

20.2 Subcontracts must comply with the provisions of GCC Clause 2.

21. Delays in the Supplier's Performance

21.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Schedule of requirements.

21.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier’s notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier’s time

for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

21.3 Except as provided under GCC Clause 24, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of liquidated damages.

22. Liquidated Damages

22.1 Subject to GCC Clause 24, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to **0.5%** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery (if delay is exceed more than 7 days it will be considered as 2 weeks for calculation of penalty) or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 23.

23. Termination for Default

23.1 The Purchaser shall, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

(a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 21; or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

(c) If the Supplier, in the judgement of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this Clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid uploading) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

23.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 23.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

24. Force Majeure

24.1 Notwithstanding the provisions of GCC Clauses 21, 22, 23, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

24.2 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

24.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

25. Termination for Insolvency

25.1 The Purchaser shall at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

26. Termination for Convenience

26.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

26.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

27. Settlement of Disputes

27.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

27.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

27.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

All legal claims shall be at Purchaser's Jurisdiction in Belagavi only

27.3 Notwithstanding any reference to arbitration herein:

(a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) The Purchaser shall pay the Supplier any monies due to the Supplier.

28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 5,

(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and

(b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing Language

29.1 The contract shall be written in English language. Subject to GCC Clause 30, English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

30. Applicable Law

30.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

31. Notices

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

32. Taxes and Duties

32.2 Indian manufacturer/ suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.\

32.3 Bidders from overseas countries shall be entirely responsible for all taxes, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION - IV: SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

Section: IV- Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. Definitions (GCC Clause 1).
   a) The Purchaser is Managing Director, Government Tool Room & Training Centre,Bangalore.
   b) The Supplier is individual or firm supplying. Goods and Services under this contract.

2. Inspection and Tests (GCC Clause 7).
The following inspection procedures and tests are required by the Purchaser:
1) Pre-dispatch inspection of the equipment at Manufacturing unit as decided by Managing Director, Government Tool Room & Training Centre, Bangalore or a representative from Government Tool Room & Training Centre, as already mentioned in ITT clause 23.3 (f).
2) Inspection by GTTC end user and team of experts appointed by Government Tool Room & Training Centre, on site as per specifications.

3. Delivery and Documents (GCC Clause 9) Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/telex/fax the full details of the shipment including contract number, railway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall submit the following documents to the purchaser with a copy to the insurance company:

(i) Four Copies of the Supplier invoice showing contract number, goods' description, quantity,
unit price, total amount along with acknowledgement and stock certificate from the respective consignees.
(ii) Railway receipt/acknowledgment of receipt of goods from the consignee(s).
(iii) Four Copies of packing list identifying the contents of each package.
(iv) Insurance Certificate
(v) Manufacturer's/Supplier's warranty certificate.
(vi) Inspection Certificate issued by the nominated inspection agency, end user and the Supplier's factory inspection report, and
(vii) Copy of Bill of entry or Bill of landing for imported equipments

The above documents shall be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

4. Incidental Services (GCC Clause 12)

The following services shall be furnished and the cost shall be included in the contract price:

(a) Unloading, safe storage and handling of the consignment at site.

(b) Performance of the on-site assembly, commissioning and start-up of the equipment.

(c) Furnishing the detailed operation and maintenance manuals for each items of supply at each location.

(d) Training of the Purchaser's personnel at the installation site.

(e) Deleted

(f) Deleted

(g) Deleted

(h) Deleted

(i) Deleted

5. **Payment (GCC Clause 15)**

(a) For equipments:

(i) Deleted.

(ii) Deleted.

Payment will be made after the receipt of Equipments, satisfactory installation and commissioning, training and certified by the concerned HOD.

6. Settlement of Disputes (Clause 27)

The dispute settlement mechanism to be applied pursuant to GCC Clause 27.2.2 shall be as follows:

(a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996, by a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the President of the Institution of Engineers (India). A certified copy of the appointment Order shall be supplied to each of the Parties.

(b) Arbitration proceedings shall be held at Bangalore Karnataka, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

(c) The decision of the arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitrator. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings shall be borne by each party itself.

7. **Notices (Clause 31)**

For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

Purchaser:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate,

Bangalore– 560010

Supplier: (To be filled in at the time of Contract signature)

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8. **Progress of Supply:**

Supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:

- Quantity offered for inspection and date;
- Quantity accepted/rejected by inspecting agency and date;
- Quantity dispatched/delivered to consignees and date;
- Quantity where incidental services have been satisfactorily completed with date;
- Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract

(In case of stage-wise inspection, details required may also be specified).

9. **Right to use defective equipment:**

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the Purchase shall have the right to continue to operate or use such equipment until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

10. Supplier Integrity:

The supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

11. Supplier's Obligations:

The Supplier is obliged to work closely with the Purchaser's staff, act within its own authority and abide by directives issued by the Purchaser and implementation activities.

The Supplier will abide by the job safety measures prevalent in India and will free the Purchaser from all demands or responsibilities arising from accidents or loss of life the cause of which is the Supplier's negligence. The Supplier will pay all indemnities arising from such incidents and will not hold the Purchaser responsible or obligated.

The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors.

The Supplier will treat as confidential all data and information about the Purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of the Purchaser.

12. Patent Rights:

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.

13. Site Preparation and Installation:

The purchaser / consignee will designate the installation sites before the scheduled installation date to allow supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the equipments.

14. Equipment Installation:

The supplier is responsible for all unpacking, assembling, wiring, installation, cabling between equipment and power supply. The supplier will test all equipment operations and accomplish all adjustments necessary for successful and continuous operation of the equipment at all installation sites.

15. Equipment Maintenance:

Deleted

16. Training:

For each unit of equipment installed, the supplier is required to train designated purchaser's / consignee's technical and end user personnel to enable them to effectively operate the equipment. The training schedule will be agreed by both purchaser and consignees and the supplier during the performance of the contract.

17. Technical Documentation:

The technical documentation involving detailed operation and maintenance shall be delivered with every unit supplied. The language of the documentation shall be in English.

SECTION-V SCHEDULE OF REQUIREMENTS

PART – I

Note:

1.: The EMD's shall be submitted through electronic transfer as per ITT clause –7 (page -13) on or before the due date for submission of tender, as per Tender Schedule.

2. The equipments quoted should have the approval of all the competent authorities, and should have F.D.A/ C.E.,/ A.E.R.B/ ISO documents, relating to the approval should be uploaded.

Delivery Schedule: Supply and commissioning at the site within **90**daysfrom the date of issue of Supply Order.

The consignee list:
To be installed and commissioned at Government Tool Room& Training Centre[GTTC]Udyambag Industrial Estate, Belagavi, Karnataka on Behalf The Managing Director, Government Tool Room & Training Centre[GTTC] Rajajinagar Industrial Estate, Bangalore– 560010

Robot

Six Axes Robot	Articulated Type 6-axes (J1, J2, J3, J4, J5, J6) Reach 1411mm Installation: Floor, Upside-down, (Angle mount) J1 Axis Rotation :340º/370º (option) (260º/sec) 5.93rad/6.46rad(option) (4.54rad/sec) J2 Axis Rotation: 235º (240º/sec) & 4.18rad (4.19rad/sec) J3 Axis Rotation :455° (260°/sec), 7.94rad (4.541rad/sec) J4 Axis Rotation :380° (430°/sec), 6.63 rad (7.50rad/sec) J5 Axis Rotation: 360° (450°/sec) & 6.28rad (7.85rad/sec) J6 Axis Rotation: 900° (720°/sec) & 15.71rad (12.57rad/sec) Max. load capacity Wrist: 12Kg Allowable Load moment at wrist: J4 Axis-26Nm, J5-26Nm, J6 Axis-11Nm Allowable Load inertia at wrist: J4&5 Axis-0.90 Kg m2. J6 Axis-0.3kgm2 Repeatability: +/- 0.02mm. Mass 145Kg. Ambient temperature: 0 - 45°C, Ambient humidity: Normally 75%RH or less. No dew, nor frost allowed. Vibration Acceleration: 4.9 m/s2 (0.5G or less) Fencing: Complete fencing with minimum dimensions of 5m x 5m and height of 4 feet should be provided. Door closure switch (Electrical / magnetic) should be provided. Tower lamp along with buzzer should be provided PLC: Siemens S7 1500 PLC should be provided, Siemens SCADA (Win CC Professional) should be provided, Complete robotic cell should be integrated with PLC as well as SCADA. Central Control: CPU with minimum specifications of 8GB RAM, Graphics card and intel processor along with 2 nos. LED Monitor (Minimum 21 inch) should be provided, Scalance switch / router should be provided for Ethernetcommunication
Robotic Simulation Software: Simulation software should be provided along with the robots which should be exactly the same as of the robot operating software. Programs generated on this simulation software should be able to be transferred to the robots without any modification through USB drive No of licenses: 2 - Type of licenses: Perpetual Software should be of the same make as of the robotic arm Factory Simulation software: Complete factory simulation software should be provided along with the robotic cell. The robotic arm provided should be readily available in the software. The library should contain robotic arms of all major robotic arm manufacturers such as Fanuc, Kuka, Mitsubishi, Kawasaki, etc. The cell provided along with fencing should be exactly simulated in the software. No of licenses: 2 - Type of licenses: Perpetual 3D Vision Sensor: Robot should have vision sensor for 3 Dimensional measurements with structured light method. It should serve automatic recognition of randomly placed parts in the bin. The vision sensor should one of the same make as of the robotic arm and it should be directly compatible with Robotic arm and controller. Essential requirement :1. The machine must be built to the current standards of technology and workmanship norms of the industry. Robust design to give longer service life and provide productive use in cutting most engineering materials. 2. Machine model quoted shall be having proven track record in market and it will be measured by	

sufficient number of successful installations and currently working in the market. 3. Pneumatic Actuator should be provided which can pick up a flat plate of 100mm x 100mm as well as a round job of 25mm diameter 2. 2D vision sensor should be provided to make sure that the raw jobs are picked up properly irrespective of their orientation in two dimensions. 2D vision sensor should be of the same make as of robot. It should also be able to distinguish between different shapes

Electronics Lab.

1	**Electronic Workstation**	The WorkStation should have ergonomically designed instrument panel in vertical position and with sufficient space for working. Wheel (with locking mechanism) is provided at legs of workstation so that it can be easily moved. MCB is provided with AC supply for safety purpose. **50MHz DSO :** 50MHz, Realtime Sample Rate 500MSa/s (Single Channel), Number of Channels 2 CH +1 Ext Memory Depth 32Kpts (Single Channel) Acquisition Modes Normal/Average/Peak Detect. Average Selectable from 4 to 256. Vertical Sensitivity 2mV/div - 10V/div, Vertical Resolution 8 bits. Input Impedance 1 MΩ ±2% II 17 pF ±3 pF. Input Coupling DC, AC and GND, Maximum Input Voltage ±400Vpp, Trigger Sources CH1, CH2, Ext, Ext /5, AC Line. Trigger Modes Auto, Normal, Single. Trigger Type Edge, Pulse Width, Slope, Video, Alternate. Cursor Measure Manual, Track and Auto measure mode. Maths +, – , ×, /, FFT **4 ½ Digit Multimeter** **DC Power Supply :** Dual DC 0-32 V; 0-2 Amp – Color LCD screen for Voltage and Current, Current limit : 100 mA - 2 A continuously adjustable. Resolution : Voltage:100mV , current:10mA, Stability : 2.5mV at 30V/2A Temperature coefficient : 0 to 40º C ,80% RH. Digital Display for Voltage and Current Over Range Indication : Glowing LED's indicate overload, Excellent Line & Load Regulation, Step increment for Voltage - Keypad, Cursor and Encoder for setting, Constant Voltage and Constant Current Source **Signal Generator :** Frequency: 0.1Hz to 1MHz, LCD for Frequency &, Amplitude Display, 50 MHz Frequency Counter, 30Vpp Signal Output. Operating Modes : Sine, Square, Triangle, DC. Free running or external frequency modulated, with or without DC offset. Frequency Range : 0.1 Hz - 1 MHz in 7 decade steps, variable control between steps. Frequency Accuracy : ± 0.5% Frequency Range and Mode : Microcontroller based Selection. Frequency Stability : <0.1 % / h or 0.3 % / 24 h at constant ambient temp. (medium position of frequency control) Frequency Range : DC to 50 MHz, Resolution : 1 Hz, Sensitivity : 0.5 Volts, Frequency Accuracy : 0.5 %	2
2	**Advanced Analog Circuits Development Platform With Ready to Use Experimental Modules as per syllabus**	Study of: Diodes in DC circuits Light emitting diodes in DC circuits Half wave rectifier Full wave rectifier Zener diode as a voltage regulator Transistor series voltage regulator Transistor shunt voltage regulator Low pass filter High Pass Filter Band Pass Filter CE configuration of NPN transistor CB configuration of NPN transistor CE Amplifier Circuit MonostableMultivibrator using Transistor BistableMultivibrator using Transistor AstableMultivibrator using Transistor. Size of Breadboard : 172.5 mm x 128.5mm Tie Points on Breadboard : 1685 nos (solderless) DC Power Supplies : +5V, 1A (fixed) +12V, 500 mA (fixed) -12V, 500 mA (fixed) +12V, 500 mA (variable) -12V, 500 mA (variable) AC Supply : 9V-0V-9V, 500mA Function Generator : Sine, Square, and Triangular functions Frequency range:1Hz to 100KHz In 5 steps (variable in between the steps) Voltage/Current/Frequency : Voltage range: +12V to -12V (DC) Measurement Current range: 0 to 500 mA (DC) Frequency range: DC to 100KHz (all with respect to ground) PC Interface : Acquisition from two analog input channels (max. input 1V) Continuity Tester : For testing the continuity (provided with beeper sound) Mains Supply : 110-220V ±10%, 50/60Hz3 Weight : 3.5 Kg approximately. Breadboards (solderless) : 2 nos Connecting wires : 20 nos 2mm to 1mm	5

		patch cords : 8 nos 2mm to 2mm patch cords : 8 nos Mains cord : 1 no Interface cable (microphone pin) : 1 no Ready to Use Boards comprising of Suitable Bridges, Amplifiers,	
3	**Op-Amp Trainer With Ready to Use Experimental Modules as per syllabus**	Specification: Study of Operational Amplifier, Fixed DC power supply : +12V Regulated; -12V Regulated; +5V Regulated; -5V Regulated Variable DC power supply : +1.5V to +10V Regulated using LM317; -1.5V to -10V, egulated using LM337, Function Generator: Sine Wave, Square Wave, (1KHz to 100KHz), Op Amp IC: IC uA741 (2 Nos.)- All pins terminated by 2mm Banana Socket. Resistor Bank: SMD Resistance 1KV 1% 1/4W (5 Nos.), SMD Resistance 10KV 1% 1/4W (5 Nos.), SMD Resistance 100KV 1% 1/4W (5 Nos.), Diode: Diode 1N 4007, Capacitor Bank : Electrolyte Cap. 1mf/63V, Disc cap. 1nf/63V, Disc cap. 10nf/63V, Disc cap. 100nf/63V. Variable Resistance bank: 1KΩ Single turn Potentiometer (2 Nos.), 10KΩ Single turn Potentiometer (2 Nos.), 100KΩ Single turn Potentiometer (2 Nos.), 1MΩ Single turn Potentiometer (2 Nos.)	**5**
4	**Patch Chords**	Suitable number of patch chords required. (twenty sets)	
5	**Study Software**	Software Specially designed to understand Analog Electronics Lab including basics of circuit theory, components and other laws & Phenomenon for study covering below topics. Atom, Charge Introduction to Electricity, DC and AC Sources of Electricity Electronic Components Voltage and Current Series and Parallel Circuits Voltage Divider and Current Divider Circuit Circuit Analysis Ohm's Law Kirchoff's Law Loop and Mesh Analysis Star and Delta Network Network Theorems Thevenin's Theorem Norton's Theorem Super Position Theorem Maximum Power Transfer Theorem Millman's Theorem Reciprocity Theorem Magnetism Electro magnetism Alternating Current Circuits Transformer Rectifier Filter Three Phase Circuits Electrical Machines DC Machine AC Machine Semiconductor Devices Diode BJT FET Operational Amplifier Power Amplifier Thyristor Family Measuring Instruments Oscilloscope Multimeter Software comes with Lecture, Activity, Notes & Question Bank.	**2**
		Digital Electronics Lab	
1	**Digital Electronic Workstation** [Refer Annexure-1 for Table Size]	The WorkStation should have ergonomically designed instrument panel in vertical position and with sufficient space for working. Wheel (with locking mechanism) is provided at legs of workstation so that it can be easily moved. MCB is provided with AC supply for safety purpose. **50MHz DSO :** 50MHz, Real-time Sample Rate 500MSa/s (Single Channel), Number of Channels 2 CH +1 Ext Memory Depth 32Kpts (Single Channel) Acquisition Modes Normal/Average/Peak Detect. Average Selectable from 4 to 256. Vertical Sensitivity 2mV/div - 10V/div, Vertical Resolution 8 bits. Input Impedance 1 MΩ ±2% II 17 pF ±3 pF. Input Coupling DC, AC and GND, Maximum Input Voltage ±400Vpp, Trigger Sources CH1, CH2, Ext, Ext /5, AC Line. Trigger Modes Auto, Normal, Single. Trigger Type Edge, Pulse Width, Slope, Video, Alternate. Cursor Measure Manual, Track and Auto measure mode. Maths +, – , ×, /, FFT **4 ½ Digit Multimeter** **DC Power Supply :** Dual DC 0-32 V; 0-2 Amp – Color LCD screen for Voltage and Current, Current limit : 100 mA - 2 A continuously adjustable.	**2**

		Resolution : Voltage:100mV , current:10mA, Stability : 2.5mV at 30V/2A Temperature coefficient : 0 to 40º C ,80% RH. Digital Display for Voltage and Current Over Range Indication : Glowing LED's indicate overload, Excellent Line & Load Regulation, Step increment for Voltage - Keypad, Cursor and Encoder for setting, Constant Voltage and Constant Current Source **Signal Generator :** Frequency: 0.1Hz to 1MHz, LCD for Frequency &, Amplitude Display, 50 MHz Frequency Counter, 30Vpp Signal Output. Operating Modes : Sine, Square, Triangle, DC. Free running or external frequency modulated, with or without DC offset. Frequency Range : 0.1 Hz - 1 MHz in 7 decade steps, variable control between steps. Frequency Accuracy : ± 0.5% Frequency Range and Mode : Microcontroller based Selection. Frequency Stability : <0.1 % / h or 0.3 % / 24 h at constant ambient temp. (medium position of frequency control) Frequency Range : DC to 50 MHz, Resolution : 1 Hz, Sensitivity : 0.5 Volts, Frequency Accuracy : 0.5 %	
2	**Digital IC Trainer**	Digital IC Trainer Kit: 16 Pin ZIF Socket – 4Nos, 20 Pin ZIF Socket – 1No DC Power Supply +5V ±12V(Fixed) Clock 1Hz to 1MHz and Mono pulse BCD to Seven segment Display – 1No Logic input switches – 10 Nos. Logic Output Indicators – 10Nos With 4mm (BTI-15) Terminals & 20Nos Suitable patch cords	**10**
3	**Digital IC Tester**	Tests a wide range of Digital IC's such as 74 Series, 40/45 Series of CMOS Ic's 5 It has Auto search facility of IC's 5 Test by: Truth table/sequence table comparison. 5 ZIF: 28 pin DIP ZIF sockets. 5 Keys: 16 keys Key pad with numerical & functional keys. 5 Display: 16x2 LCD Display. 5 Supply Input Voltage:9V DC Adaptor. T.T.L. 74XXX series 4000 4001 4002 4006 4007 4008 4009 4010 4011 4012 4013 4014 4015 4016 4017 4018 4019 4021 4022 4023 4024 4025 4026 4027 4028 4029 4030 4031 4032 4033 4034 4035 4038 4040 4041 4042 4043 4044 4048 4049 4050 4051 4052 4053 4055 4056 4060 40634066 4067 4068 4069 4070 4071 4072 4073 4075 4076 4077 4078 4081 4082 4085 4086 4093 4094 4095 4096 4097 4099 40101 40106 40109 40147 40160 40161 40162 40163 40174 40175 40192 40193 7400 7401 7402 7403 7404 7405 7406 7407 7408 7409 7410 7411 7412 7413 7414 7415 7416 7417 7418 7419 7420 7421 7422 7423 7424 7425 7426 7427 7428 7430 7431 7432 7433 7434 7435 7437 7438 7439 7440 7442 7443 7444 7445 7446 7447 7448 7449 7450 7451 7452 7453 7454 7455 7456 7457 7458 7460 7461 7462 7463 7464 7465 7473 7474 7475 7476 7485 7486 7492 7493 7495 74107 74109 74112 74113 74114 74123 74125 74126 74128 74131 74132 74133 74134 74135 74136 74137 74138 74139 74140 74141 74145 74147 74148 74149 74150 74151 74152 74153 74154 74155 74156 74157 74158 74160 74161 74162 74163 74164 74165 74166 74168 74170 74173 74174 74175 74180 74181 74182 74183 74190 74191 74192 74193 74194 74195 74237 74240 74241 74242 74243 74244 74245 74246 74247 74248 74249 74251 74252 74253 74257 74258 74259 74260 74265 74266 74273 74278 74279 74280 74283	**4**

		74290 74292 74293 74294 74295 74298 74299 74323 74348 74351 74352 74353 74354 74356 74363 74364 74365 74366 74367 74368 74373 74374 74375 74377 74378 74386 74390 74393 74399 74425 74426 74465 74466 74467 74468 74490 74518 74519 74520 74521 74522 74533 74534 74540 74541 74563 74564 74573 74574 74575 74576 74577 74580 74589 74595 74597 74620 74621 74622 74623 74638 74639 74640 74641 74642 74643 74644 74645 74646 74670 74688 74689 74LS51 74LS54 4501 4502 4503 4504 4506 4508 4510 4511 4512 4514 4515 4518 4519 4520 4529 4532 4538 4543 4553 4555 4556 4572 4584 4585	
4	**Suitable IC's**	IC's Suitable for performing various experiments as per syllabus in a package.	**1 set**
5	**Patch Chords**	Suitable number of patch chords required. (twenty Sets)	
6	**Study Software**	Digital Electronic Number Systems Codes Complements Boolean Algebra Logic Gates Arithema tic Circuits Adder Subtractor Combinational Circuits Multiplexer Demultiplexer Encoder Decoder Sequential Circuits (Flip-Flops) S-R Flip-Flop D Flip-Flop J-K Flip-Flop T Flip-Flop Registers and Counters Register Counter Along with Analog Electronics topics	**2**
		Power Electronics	
1	**High Voltage Power Electronics Work Station**	**High Voltage Power Electronics Work Station with Powerscope CRO** On Board Study Features :On Board Single Phase (Mains) Power Supply On Board Single Phase Low Voltage Power Supply On Board Three Phase (Mains) Power Supply On Board Three Phase Low Voltage Power Supply MCB is provided for Three Phase Input AC Supply for safety purpose MCB is provided at front panel for Single Phase Supply, Three Phase Supply and Three Phase Low Voltage Power Supply Red, Yellow and Blue indicator at front panel for indication of Three Phase Input Supply Three Phase Socket provided at back panel for Three Phase Input Supply One Extension board on bench On Board Oscilloscope with Power Scope On Board DC Voltmeter&Ameter for DC Voltage Measurement On Board AC Voltmeter&Ameter for AC Voltage Measurement On Board Load Assembly On Board Single Phase Firing Circuit On Board Three Phase Firing Circuit On Board PWM Circuit On Board Cycloconverter Firing Circuit Test point provided for check output at different blocks in Firing Circuit 0 Single Phase Firing Angle Control 30-180 Three Phase Firing Angle Control 30-150 Cycloconverter Firing Angle Control 30-180 On Board Pulse Amplifier & Isolation Section On Board Diode Assembly On Board SCR Assembly On Board IGBT Assembly Internal RC snubber circuit in Power Circuit Module 2 mm and 4 mm Socket provided to make different connections Easily replaceable Firing Circuit and Power Circuit Module Four 200 W Bulb as Lamp Load Universal Motor 1/8 HP as Motor Load Short Circuit Protection Easy to operate and understand Wheel (with locking mechanism) is provided at legs of workstation	**2**

		so that it can be easily moved Exhaust fan at back panel for cooling Technical Specifications Single Phase AC Power Supply : 110-220V, 50/60Hz, Center Tapped Transformer : 115V - 0 - 115V ± 10%, 2A Supply Low Voltage AC Power Supply : 18V - 0 - 18V, 15V-0 Low Voltage DC Power Supply : +30V, -30V 250mA : +15V, -15V 250mA : +12V, -12V 500mA : +5V, -5V 500mA Three Phase AC Power Supply :230V Phase voltage, 415 Line voltage ± 10% 50 Hz Three Phase Low Voltage : 15V Each Phase ± 10%, 50Hz Power Supply MCB (Power Switch) : Single Phase 10A MCB (Power Switch) : Three Phase 10A Interconnections : 2mm & 4mm Safety Socket Diode Assembly : Diode 6A10 1000V/6A SCR Assembly : TYN 616 600V/16A IGBT Assembly : IGBT G4BC20S 600V/10A Single Phase Firing Circuit : Ramp Comparator Firing Circuit 0 (Firing Angle Control 30-180) Three Phase Firing Circuit : Three Phase Firing Circuit (Firing Angle Control 30-150) Cycloconverter Firing Circuit : Cycloconverter Firing Circuit (Firing Angle Control 30-180) PWM Circuit : Triangular Comparator Method Frequency Range 270Hz to 5KHz (approximately) PWM Variation 0-90% & 0-50% Oscilloscope with Power Scope:30MHz Oscilloscope with 1500V Isolated measurement Analog AC Voltmeter : 0-500V AC Voltage Measurement Analog AC Ammeter : 0-30A AC Current Measurement Analog DC Voltmeter : 0-500V DC Voltage Measurement Analog DC Ammeter : 0-30A DC Current Measurement Load Assembly : Four Load Assembly	
2	**Study Software**	Topics Covered Introduction: Definition, Insulators, Semiconductors and Conductors, Types of Semiconductors, PN Junction Diode, Transistor PNP and NPN, Power Electronics Devices Triggering and Commutation: Turn-ON Method of a Thyristor, Gate Triggering Methods, Turn-OFF Method Gate Firing Circuits: General Firing Circuit, Resistance Firing Circuit, Resistance-Capacitance Firing Circuit for Half and Full Wave, UJT Oscillator, Synchronized UJT Triggering (Ramp Triggering), Ramp and Pedestal Triggering Phase Controlled Rectifier: Introduction, Classification, Uncontrolled Rectifiers (Half Wave, Full Wave and Bridge), Firing Circuits for Controlled Rectifiers (using Triangular Comparator, Ramp Comparator, Cosine Firing Scheme, IC-TCA785), Controlled Rectifiers (Single Phase Half, Full, Semiconvertor and Bridge Rectifiers with R-Load and RL-Load), Applications Chopper: Introduction, Classification, DC-DC Chopper (Introduction, Step-Down Chopper, StepUp Chopper), AC Chopper, Applications Cycloconvertor: Introduction, Cycloconvertor Firing Scheme, Single Phase Cycloconvertor, Applications AC Voltage Controller: Introduction, Classification, AC Voltage Controller Half and Full Wave with R-Load and RL-Load, Application	2

1. List of Goods and Delivery Schedule
2. List of Related Services and Completion Schedule

(To be filled up in Micro soft Excel format given separately and uploaded with Technical Bid – stage I)

SECTION - VII : QUALIFICATION CRITERIA

(Referred to in Clause 11.2(b) of ITT)

1. (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Robot and Electronics Lab items]to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)

(b) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:

(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and

(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)

(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[Robot and Electronics Lab items] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)

If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

2. The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.

3. The following routine test (final test) needs to be done on all products, which are ready to dispatch. The test report should be made available for inspecting authorities for checking

Valid Certificate as prescribe in the Technical specification is mandatory.

Hands on training for operation and maintenance by the supplier is mandatory

4. Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka

5. The average annual financial turnover of the bidder should be, not less than Rs. **200.00** Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.

6. Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.

7. Bidder shall quote for all the item. Partial quote is not accepted.

8. The quoted price shall include (Taxes, transportation, unloading at site and any other charge), Item shall be delivered to GTTC, Belagavi centre, as per location list across Karnataka. Overall Lowest Price will be L1 bidder.

9. Supply shall be completed within 90 days from the date of issue of Purchase order. The supplier shall submit 5% of basic order value as performance security

10. Bidder shall hold the price for minimum period of 01 year from the date of purchase order in case any further additional quantity is required.

11. Payments terms: (i)Eighty(80) Percent of the invoice value on Delivery of the items at the purchaser's site.

(ii) Balance: Twenty (20) percent within 30 days after Commissioning, Training & acceptance certification by the competent authority & upon submission of Bank Guarantee for 05% of basic order value as performance warranty for a period of 12 months from the date of commissioning.

SECTION – VIII

TENDER OFFER FORM

Date :......................................

IFT No:

To:

The Managing Director,

Government Tool Room & Training Centre[GTTC]

Rajajinagar Industrial Estate, Bangalore– 560010

Sir,

Having examined the tender documents in connection with the Supply of below goods called in this tender to your department for the year ___________ called by you, I / We, the undersigned offer to supply and deliver the above said items in conformity with the terms and conditions of the tender at the rates quoted in the price bid if the contract is awarded in my / our favour.

Sl. No.	Name of the Equipment	Model Quoted	Remarks

I / We undertake if our quotation is accepted, I / We will enter into contract to deliver the goods in accordance with the delivery schedule. I / We agree to abide by this tender for the specified period.

I / We undertake to deposit Security Deposit amount in accordance with the terms and conditions of the tender if our offer is accepted. I / We understand that you are not bound to accept the lowest or any quotations you may receive. We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of requirements.

If our tender is accepted, we will obtain DD towards performance security guarantee of a bank a sum equivalent to 5 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.We agree to abide by this tender for the Tender validity period specified in Clause 14.1 of the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per ITT Clause 1 of the tender documents.

Dated this .... day of .... (year).

____________________________ ____________________________

(Signature) *(In the capacity of)*

TENDER DECLARATION FORM

(Ref. Section II – Clause No. 2.A-8(b))

Ref:- Tender Notification No.

Tender for Supply of EQUIPMENTS for the Year 2018-19.

Format of undertaking to be furnished by the tenderer for having

Accepted the terms & conditions of the tender document.

To,

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate, Bangalore– 560010

Sir,

In accordance with the terms and conditions of tender document for supply of **Equipments**for the year 2018-19 (Extendable for three months), I/We have gone through all the terms & conditions and hereby agree to accept and undertake to abide the same.

Further stating that firm is not Black Listed with any Government/Quasi Government Organizations & the documents submitted in Tender are not false/erroneous.

Date Place	Signature ( ) Name in capital Seal of the/company.

Price Schedule format is available in the e-portal as an inbuilt option. Tenderer shall fill up Price Bid Schedule on-line along with other requirements. The split up prices like Unit cost and sales tax shall be uploaded.

PRICE SCHEDULE
Format - VIII/B

Deleted

SECTION-IX DETAILS OF EARNEST MONEY DEPOSITED

From: (Tenderer)

…………………………………

…………………………………

…………………………………..

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate, Bangalore– 560010

Sir

1. We have deposited Earnest Money Deposit of Rs.……………………… (Rupees…………………………………………… only) at approved bank by e-procurement to central pooling account of Government of Karnataka, the details of which are as follows:

(a) Bank & Branch …………………………
(b) Method of remittance and its details ……………………
(c) DD for Rs. bearing no. of

2. We agree that the EMD may be forfeited by the purchaser if we:

(d) Withdraw our tender during the period of tender validity specified by us in the Tender Form (Section VIII);
(e) Do not accept the correction of the Tender Price Pursuant to Clause 22.2 of I.T.T
(f) Do not sign the Agreement within the specified time limit in case we are successful and notification of award has been communicated;
(g) Do not furnish the required Performance Security deposit as required ITT Clause 31.

Name of Tenderer

SECTION - X: CONTRACT FORM

THIS AGREEMENT made on the ....day of................................. (year) between.......................... *(Name of purchaser)*of............. *(Country of Purchaser)* Hereinafter called "the Purchaser" of the one part and.................... *(Name of Supplier)* of......................... *(City and Country of Supplier)* (Hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz……………………… *(Brief Description of Goods and Services)* and has accepted a tender by the Supplier for the supply of those goods and services in the sum of............................. *(Contract Price in Words and Figure),* here in after called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

(a) The Tender Form and the Price Schedule uploaded by the Tenderer;

(b) The Schedule of requirements;

(c) The Technical Specifications;

(d) The General Conditions of Contract;

(e) The Special Conditions of Contract; and

(f) The Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which will be supplied/provided by the Supplier are as under:

Sl. No.	Brief Description of Equipments& Services	Quantity to be Supplied	Unit Price	Total Price	Sales Tax If Any	Grand Total	Delivery Terms

TOTAL VALUE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the	Signed, Sealed and Delivered by the
Said.. (For the Purchaser)	Said.. (For the Supplier)
In the presence of: …………………………	In the presence of: ....

SECTION - XI

PERFORMANCE SECURITY FORM

To:

The Managing Director, Government Tool Room & Training Centre[GTTC]
Rajajinagar Industrial Estate,Bangalore– 560010

WHEREAS.. (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No............................ dated, / / to supply of ……………………………..(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Demand Draft as Performance Security by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

WE have hereby enclosed Demand Draft for total amount of................................. ......(Amount of the Demand Draft Words and Figures) and we undertake to permit you to encase the Demand Draft on default under the Contract and without cavil or argument, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Performance Security is valid until the ....day of..................(year) (Warranty period + CMC period + 60 days).

Signature &Name of the bidder

Date.....................

Address:
....
....

SECTION - XI / A

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SECTION –XII

(Please refer Section VII Para 1(a))

<u>Proforma for Qualification Criteria for the manufacturer to the extent of 80% in any one of the last three years:</u>2016-17, 2017-18, 2018-19

IFT No:

Name of the Manufacturer:……………………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any
1	2	3	4	5	6

Signature and Seal of the Tenderer:---

Note:

1. To be furnished and signed by the Manufacturer, only for any one of the last 3 years.
2. Proof of 80% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
3. Performance of 80% shall be considered for similar type, size and complexity of equipment.

SECTION –XII A

(Please refer Section VII of 1(b)-iii)

Proforma for Qualification Criteria for the Authorized Agents to the extent of 30% in any one of the last three years :2016-17, 2017-18, 2018-19

IFT No:
Name of the Authorized Agent:…………………………………………………………………………..

Orders placed by (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract/ Actual	Remarks indicating reasons for late delivery, if any	Has the goods/ equipment been satisfactorily functioning. (Attach a Certificate from the Purchaser) *
1	2	3	4	5	6	7

Signature and Seal of the Tenderer: ---

Note:

1) Proof of 30% Performance shall be submitted in the form of Supply Order / Purchase Order / Invoice Copies. It should be uploaded along with the Performance Statement.
2) Performance of 30% shall be considered for similar type, size and complexity of equipment.
3) End user Certificate shall be mandatory along with the proof of supply.
4) If the bidder is the sole distributor / supplier of the quoted equipment throughout the country / abroad, the performance of 80% and 30% may be considered in total (Should be supported with the manufacturer's declaration as Sole Distributor)

SECTION - XIII

MANUFACTURERS' AUTHORIZATION FORM

(Please see Clause 11.2(a) of Instructions to Tenderers)

No. Date:

To,

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)*do hereby authorize M/s *(Name and address of Agent)* to submit a tender, and sign the contract with you for the goods manufactured by us against the above IFT.

We hereby extend our full guarantee and warranty as per Clause 14 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFT.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

2. This letter of authority should be issued to only one agent irrespective of models for this particular IFT. If found that the letter of authority is issued to more than one firm, all the bids for which the authorizations are given will be considered Non-Responsive. [Refer 7.1.1 (m)]

SECTION - XIV

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

[Refer 7.1.1 (n) of ITT]

IFTNO.

NAME OF THE TENDERER: ....

(Note: All details should relate to the manufacturer for the items offered for supply)

1. Name & full address of the Manufacturer

2. (a) Telephone & Fax No Office/Factory/Works
   (b) Telex No. Office/Factory/Works
   (c) Telegraphic address:

3. Location of the manufacturing factory.

4. Details of Industrial License, wherever required as per statutory regulations.

5. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).

6. Details of the process of manufacture in the factory.

7. Details & stocks of raw materials held.

8. Production capacity of item(s) quoted for, with the existing Plant & Machinery

   8.1 Normal
   8.2 Maximum

9. Details of arrangement for quality control of products such as laboratory, testing equipment etc.

10. Details of staff:

10.1 Details of technical supervisory staff in charge of production & quality control.

10.2 Skilled labour employed.

10.3 Unskilled labour employed.

10.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.

11. Whether Goods are tested to any standard specification? If so, copies of original test certificates should be uploaded in triplicate.

12. Is the Manufacturer registered with the Directorate General of Supplies and Disposals, New Delhi 110 001, India? If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

....

Signature and seal of the Manufacturer

SECTION - XV
PROOF OF SERVICE CENTRE IN KARNATAKA

SECTION - XVI

DECLARATION FOR PERFORMANCE OF QUOTED MODEL

No. Date:

To

Dear Sir:

Ref: IFT No.

We who are established and reputable manufacturers of *(name and description of goods offered)* having factories at (*address of factory)* do hereby declare that the quoted model_______________ is performing satisfactorily for the past 12 months.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: 1. This letter of declaration should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

XVII - Document Verification Check list

Tender No.		
To be uploaded by the bidder as per the tender document requirement in the following pattern		
(Bidder quoting for more than 1 equipment, quoted list of equipment to be attached)		
Sl. No.	**Details**	**Uploaded (Yes/No)**
1	EMD	
2	PAN Card to be uploaded.	
3	GST Registration Certificate	
4	Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	
5	Sales Tax / GST clearance certificate of previous 3 Years.	
6	Annual Turnover for the years 2016-17, 2017-18, 2018-19	
7	Balance Sheet for the past three years 2016-17, 2017-18, 2018-19	
8	Profit and Loss account statement for the years 2016-17, 2017-18, 2018-19	
9	Certificate of Incorporation	
10	Tender Offer Form	
11	Tender Declaration Form	
12	SSI issued by Industrial Commerce Department Government of Karnataka/MSME	
13	Import License (if quoted for imported goods)	
14	Manufacturing License	
15	Authorization by Manufacturer	
16	80% Performance Statement for manufacturer	
17	Proof of 80% performance (Supply orders / invoice copies)	

18	30% Performance statement, for dealer.	
19	Proof of 30% performance (Supply orders / invoice copies)	
20	End User Certificate	
21	Equipment & Quality Control Certificate.	
22	Technical Literatures / Broacher	
23	Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	
24	List of Equipment quoted in the tender, should be submitted with Seal and Signature.	
25	In case of dealer / authorized agent should submitthe C.M.C. cost agreement from the manufacturer of quoted equipment.	
26	Self declaration stating that the firm is not black listed by any Government/ Quasi Government /any other organizations and will not supply refurbished equipment / items	
27	Documentary evidence established in accordance for Service Center in Karnataka with maintenance staff and other details.	

Note: Any other documents required as mentioned in the tender document to be uploaded apart from the above list.

ANNEXURE – I

Deleted

ANNEXURE -II

Annual Turnover Statement

[Refer 7.1.1(f) of ITT]

The Annual Turnover of M/s. ____

for the past three years are given below and certified that the statement is true and correct.

Sl.No.	Financial years			Turnover in Lakhs (Rs)
	First Year	-	**2016-17**	
	Second Year	-	**2017-18**	
	Third Year	-	**2018-19**	

Total - Rs. __________________ Lakhs.

Date:

Signature of Chartered Accountant

Seal:

(Name in Capital)

Annexure -III

List of Banks as per e-portal.

GOVERNMENT TOOL ROOM & TRAINING CENTER. BANGALORE

Joint Venture Partner Information

(Should be provided with technical bid)

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be

Date :

Ref.:GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOOTHER/SEC-3/BD-03/2019-20

1	Bidder's Legal Name	
2	JV's Party legal Name:	
3	JV's Party country of registration :	
4	JV's Party Year of Registration :	
5	JV's Part legal Address in the country of Registration :	
6	**JV's party Authorized Representative Information.**	
	Name:	
	Address:	
	Telephone:	
	Fax Number:	
	Email Address:	
7	Other Branches and places:	
8	Attached are the coipes of original documents of	
	Articles of Incorporation or Registration of firm's name	
	In case of JV,letter of intent to form JV or JV agreement.	
	documents establishing leagal and financial autonomy and compliance with commercial law.	
	9. Business activity (Major areas)	
	9.1.Manufacture:	
	If Yes indicate major product manufactured Yes/No	

	9.2.Trading:	
	If Yes indicate the major product Traded Yes/No	
	9.3.Sole Distributor:	
	If Yes indicate the major product Yes/No	
	9.4.Whole sale:	
	If Yes indicate the major product Yes/No	
	9.5.Retail :	
	If Yes indicate the major product Yes/No	
	9.6.Others :Specify	
	10.Is Technical/Service support available in Bangalore If Yes, furnish the required details on a separate sheet .	

NOTE:If Yes, then Supporting documents shouldbe scanned(in jpeg format), uploaded supporting documents as general documents and attached the same to the tender during submission.

2018-19

Annexure - 1

Name of the item	VERTICAL MILLING MACHINE - WITH DRO ATTACHMENT
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD- 190/2018-19, DT.23.02.2019	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
2	M/s. BFW	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
3	M/s. Sahil Alloys and Machine Tools	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	NO	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

Annexure - 2

Name of the item	VERTICAL MILLING MACHINE - WITHOUT DRO ATTACHMENT
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-191/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
2	M/s. BFW	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	Technically Accepted
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
3	M/s. Sahil Alloys and Machine Tools	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	NO	Technically Rejected
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	

4	Top Engineers	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	NO	Technically Rejected
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

Annexure - 3

Name of the item	Tool Room Precision Lathe
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-192/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
2	M/s. Sahil Alloys and Machine	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	No	

	Tools	Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	Rejected
3	M/s.Top Engineers	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	No	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	
4	M/s.Jina Machine Tools	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	

5	M/s. Jina Gowdra Machine Tools	Copy of ISO or equalivent certficate of the manufacturer	Yes	Technically Accepted
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	

Annexure - 4

Name of the item	Surface Grinding Machine
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-193/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
2	M/s. J.R.Rao	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
3	M/s. Sahil Alloys and Machine Tools	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

Annexure - 5

Name of the item	Cylindrical Grinding Machine
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-194/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
2	M/s. Sahil Alloys and Machine Tools	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	
3	M/s. Precision Machine Tool	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

	Annexure - 6
Name of the item	Knee Type Universal Milling machine without DRO
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-198/2018-19	

Qualfication Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
2	M/s. BFW	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
3	M/s. Sahil Alloys and Machine	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	

	Tools	Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	Rejected
4	M/s. Top Engnieers	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

	Annexure - 7
Name of the item	Knee Type Universal Milling machine with DRO
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-197/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
2	M/s. BFW	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
3	M/s. Sahil Alloys and Machine Tools	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

	Annexure - 8
Name of the item	CNC Milling Machine
Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD- 199/2018-19	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
2	M/s. BFW	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
			Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
3	M/s. ACE	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
4	M/s. MTAB	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
5	M/s.Jyothi Machine	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	

6	M/s. Sahil Alloys and Machine Tools	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	Technically Rejected
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	
7	M/s. MAC Power CNC	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

Annexure - 9

Name of the item	CNC Turning Machine

Tender Ref. No.:GTTC/MCD/TENDER/GOKAK/BD-200/2018-19

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. HMT	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	

		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	Accepted
2	M/s. BFW	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
3	M/s. ACE	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	

4	M/s. MTAB	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	Technically Accepted
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
5	M/s.Jyothi Machine	GST Certificate	Yes	Technically Accepted
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	no	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Yes	
6	M/s. Sahil Alloys and Machine Tools	GST Certificate	Yes	Technically Rejected
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	
		Copy of ISO or equalivent certficate of the manufacturer	Yes	
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	No	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	
		GST Certificate	Yes	
		Tax Return -2015-16,16-17,17-18	Yes	
		Turn Over for Preciding three years supported by income tax clearance certfication	Yes	

7	M/s. MAC Power CNC	Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	Technically Rejected
		Manufacturer / Authorisation delear shall have their sevice centre at Bangalore	Yes	
		Submit list of reputed clients (Government undertakings, PSU etc.) to whom the model / equipment supplied by you in the past, which has been proposed to offer to GTTC in the present tender. The bidders shall have a minimum manufacturing experience as indicated below: Conventional Mahine. -10 Years & CNC Machine / Equipment / other items - 5 years	Rejected	

2019-20

	Annexure - 1
Name of the item	Training Kit
Tender Ref. No.:GTTC/MCD/SCP-TSP/TENDER/TRAINING KIT/BD-206/2019-20,	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s. M.G.Entrprises	Bidder shall be registered in SSI/NSIC/DIC	Yes	Technically Accepted
		Bidder shall have GST Register Number & PAN	Yes	
		company shall have turnover more than 01 Crore for the last 02 years 2017-18 & 2018-19. Turnover shall be certified by Chartered Accountant	Yes	
		Income Tax Returns filed for the year 2016-17, 2017-18 & 2018-19	Yes	
		Company shall have ISO Certification	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Private Departments	Yes	
2	M/s. Sheltron Digital Systems Pvt. Ltd.	Bidder shall be registered in SSI/NSIC/DIC	Yes	Technically Accepted
		Bidder shall have GST Register Number & PAN	Yes	
		company shall have turnover more than 01 Crore for the last 02 years 2017-18 & 2018-19. Turnover shall be certified by Chartered Accountant	Yes	
		Income Tax Returns filed for the year 2016-17, 2017-18 & 2018-19	Yes	
		Company shall have ISO Certification	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Private Departments	Yes	
3	M/s.	Bidder shall be registered in SSI/NSIC/DIC	Yes	Technically
		Bidder shall have GST Register Number & PAN	Yes	
		company shall have turnover more than 01 Crore for the last 02 years 2017-18 & 2018-19. Turnover shall be certified by Chartered Accountant	Yes	
		Income Tax Returns filed for the year 2016-17, 2017-18 & 2018-19	Yes	
		Company shall have ISO Certification	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Private Departments	Yes	Rejected
			bidder has not provided sample items for technical evaluation. Hence technically rejected.	

				Annexure - 2
Name of the item	Maerail Testing Lab,. Equipment			
Tender Ref. No.:GTTC/MCD/TENDER/MTLAB/BD-208/2019-20				
Qualfciation Critera				
Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
1	M/s.ASI Sales	The bidder shall have a 05years manufacturing experience	Yes	Technically Accepted
		The bidder must have copy of ISO or equivalent certification of the manufacturer	Yes	
		The bidder should have training / service centre in Bangalore / Karnataka	Yes	
		The bidder should furnish IT returns for the last 03 years [2016-17, 2017-18, &2018-19]	Yes	
		The bidder has GST Certificate	Yes	
		The bidder has PAN Card	Yes	
		Client List - To whom the model / equipment supplied by you in the past [Government under taking / Institution] supplied by you in the past, which has been proposed to offer to GTTC in the present tender.	Yes	
		The bidder shall have a 05years manufacturing experience	Yes	
		The bidder must have copy of ISO or equivalent certification of the manufacturer	Yes	

2	M/s.Acurra Tequipment	The bidder should have training / service centre in Bangalore / Karnataka	Yes	Technically Accepted
		The bidder should furnish IT returns for the last 03 years [2016-17, 2017-18, &2018-19]	Yes	
		The bidder has GST Certificate	Yes	
		The bidder has PAN Card	Yes	
		Client List - To whom the model / equipment supplied by you in the past [Government under taking / Institution] supplied by you in the past, which has been proposed to offer to GTTC in the present tender.	Yes	
3	M/s.Lawrence & Mayo	The bidder shall have a 05years manufacturing experience	Yes	Technically Accepted
		The bidder must have copy of ISO or equivalent certification of the manufacturer	Yes	
		The bidder should have training / service centre in Bangalore / Karnataka	Yes	
		The bidder should furnish IT returns for the last 03 years [2016-17, 2017-18, &2018-19]	Yes	
		The bidder has GST Certificate	Yes	
		The bidder has PAN Card	Yes	
		Client List - To whom the model / equipment supplied by you in the past [Government under taking / Institution] supplied by you in the past, which has been proposed to offer to GTTC in the present tender.	Yes	

Annexure - 3

Name of the item	Maerail Testing Lab,. Equipment

Tender Ref. No.:GTTC/MCD/TENDER/MECHATRONICS LAB EQUIPMENT & ROBOT/BD-210/2019-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		GST Registration Certificate	Yes	

1	M/s.Acurra Tequipment	Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity	Yes	Technically Accepted
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN	Yes	
		opies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Bidder should have completed at least two robotic installation in past 2 years. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	

		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		GST Registration Certificate	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity	Yes	
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	Yes	

2	M/s.Ravi Teja	The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN	Yes	Technically Accepted
		opies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Bidder should have completed at least two robotic installation in past 2 years. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	

Annexure - 4

Name of the item	Machinery , Equipments & Others

Tender Ref. No.:GTTC/MCD/TENDER/MACHINERY, EQUIPMENT & OTHER/BD-211/2019-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		Manufacturing experience: Minimum 10 years for Conventional Machinery & minimum 05 years for CNC Machinery & Equipment for OEM.	Yes	
		GST Registration Certificate.	Yes	

1	M/s. ACCURA	Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.. The supplier must have service centre in Bangalore / Karnataka	Yes	Technically Accepted
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		Copies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
2	M/s. HMT	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically
		Manufacturing experience: Minimum 10 years for Conventional Machinery & minimum 05 years for CNC Machinery & Equipment for OEM.	Yes	
		GST Registration Certificate.	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	Yes	

2	M/s. HMT	The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	Accepted
		Copies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
3	M/s. Sahil	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	No	Technically rejected
		Manufacturing experience: Minimum 10 years for Conventional Machinery & minimum 05 years for CNC Machinery & Equipment for OEM.	Yes	
		GST Registration Certificate.	yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.. The supplier must have service centre in Bangalore / Karnataka	yes	
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	No	

		Copies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	No	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	No	
4	M/s. Ravi Teja	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically rejected
		Manufacturing experience: Minimum 10 years for Conventional Machinery & minimum 05 years for CNC Machinery & Equipment for OEM.	Yes	
		GST Registration Certificate.	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity.. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2016-17, 2017-18, 2018-19	yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15 crores in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	No	
		Copies of Orders for having spplied similar commodity to any Government Departments / Colleges Karnataka State for a sum of Rs.400.00 Lakhs and above in a single order in one of the previous 3 years 2016-17, 2017-18 & 2018-19. Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	No.	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	No	

				Annexure - 5
Name of the item	CNC MILLING & CNC TURNING MACHINES			
Tender Ref. No.:GTTC/MCD/TENDER/BLGM-SMARTCITY/CNC ML&TU/SEC-1/BD-01/2019-20				
Qualfciation Critera				
Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:	NA	
		(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and		
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		

1	M/s. Askar Mikrons	(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		Technically Accepted
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	NA	

2	M/s. MTAB Engineers	1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	Technically Accepted
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:	NA	
		(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and		
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		
		(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	NA	
		1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:		

3	M/s. Sahil Alloys	(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and	NA	Technically rejected
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		
		(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Address and contact number not furnished	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	in his declaration words not black listed does not appear	
		PAN Card to be uploaded.	no	
		GST Registration Certificate	no	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	

		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes [MSME]	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	NO	
		Import certificate	NA	
		1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:	NA	
		(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and		
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		
4	M/s. Hytech	(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		Technically

4	Automation	3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	Accepted
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	NA	

5	M/s. ACE Designers	1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	Technically Accepted
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:	NA	
		(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and		
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		
		(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	NA	
		1. The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[CNC Milling, CNC Turning Machine] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	Yes	
		2) In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided:		

6	M/s. HMT Machine Tools Ltd.	(i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and	NA	Technically Accepted
		(ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)		
		(iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[CNC Milling, CNC Turning Machine] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT)		
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 90.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Annual Turnover for the years 2016-17, 2017-18, 2018-19	Yes	

		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	NA	

Annexure - 6

Name of the item	3D Printing for Metal & Plastic DIY 3D Printer & Hand Held 3D Laser Scanner/SMART CITY SEC -02

Tender Ref. No.:GTTC/MCD/TENDER/BLGM-SMARTCITY/3DPRINTING&OTHER/SEC-4/BD-04/2019-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		(a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	NA	

1	M/s. Monotech Systems Ltd.	manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii)The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)	Yes	Technically Accepted
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 976.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN	Yes	
		[illegible] represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	

		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	Yes	
		(a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[3D PRINTING FOR METAL & PLASTIC, DIY 3D PRINTER , HAND HELD 3D LASER SCANNER] to the type specified in the 'Schedule of requirements' up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section – XVI. (Refer 7.1.1 (i) of ITT)	NA	
	M/s. Accura	In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii)The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)	Yes	Technically

2	Tequipments	3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	Accepted
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 976.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	Yes	
		(a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar[3D PRINTING FOR METAL & PLASTIC, DIY 3D		

		PRINTER , HAND HELD 3D LASER SCANNER] to the type specified in the ‘Schedule of requirements’ up to at least 80% of the quantity required in any one of the last 3 years(2016-17 to 2018-19) as per Section-XII. The manufacturer must	No	
		In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii)The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT)	NA	
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	No	
3	M/s. Sahil Alloys	4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Address and contact number not furnished	Technically Rejected
		5] The average annual financial turnover of the bidder should be, not less than Rs. 976.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN	Yes	

		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	In declration words not black listed does not apprear	
		PAN Card to be uploaded.	No	
		GST Registration Certificate	No	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	No	
		Import certificate	Yes	

Annexure - 7

Name of the item	Robotic Lab. & Electronic Lab.SMART CITY SEC -03/

Tender Ref. No.:GTTC/MCD/TENDER/BLGM-SMARTCITY/ROBOLA.&OTHER/SEC-3/BD-03/2019-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Robot and Electronics Lab items] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT).	NA	

1	M/s. Accura Tequipment	2] In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[Robot and Electronics Lab items] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	Technically accepted
		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uplo kading all the documents	Yes	
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 200.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	

		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	Yes	
2	M/s.Ravi Teja	1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Robot and Electronics Lab items] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT).	NA	Technically accepted
		2] In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar[Robot and Electronics Lab items] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	

		3] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uplo kading all the documents	Yes	accepted
		4] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 200.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		6] Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		Import certificate	Yes	

Annexure - 8

Name of the item	PROCUREMENT OF DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT

Tender Ref. No.:GTTC/MCD/TENDER/BLGM-SMARTCITY/DESKTOP COMPUTERS&OTHER/SEC-2/BD-02/2019-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

1	M/s. Vignesh Technology	1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT)	Yes	Technically Accepted
		In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	
		2] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		3] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 150.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Latest GST Payment document	Yes	
		Balance sheet for the past three years 2018-17,2017-18,2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Import license [if quoted for import goods]	Yes	
		Manufactuing License	Yes	
		Authorisation of Manufacturing	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT)	Yes	

2	M/s. GCS Thantragnan	In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	Technically Accepted
		2] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		3] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		5] The average annual financial turnover of the bidder should be, not less than Rs. 150.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	

		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Latest GST Payment document	Yes	
		Balance sheet for the past three years 2018-17,2017-18,2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Import license [if quoted for import goods]	Yes	
		Manufactuing License	Yes	
		Authorisation of Manufacturing	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT)	Yes	

3	M/s. Vignesh Technology	In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	Technically Accepted
		2] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		3] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments		
		5] The average annual financial turnover of the bidder should be, not less than Rs. 150.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	

		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Latest GST Payment document		
		Balance sheet for the past three years 2018-17,2017-18,2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Import license [if quoted for import goods]	Yes	
		Manufactuing License	Yes	
		Authorisation of Manufacturing	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT)	NA	

4	M/s. Siddaganga Computers	In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	Technically Rejected
		2] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	Yes	
		3] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments		
		5] The average annual financial turnover of the bidder should be, not less than Rs. 150.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	

		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	
		Latest GST Payment document	Yes	
		Balance sheet for the past three years 2018-17,2017-18,2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Import license [if quoted for import goods]	Yes	
		Manufactuing License	Yes	
		Authorisation of Manufacturing	NO	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	
		1] The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years (2016-17 to 2018-19) as per Section-XII. The manufacturer must have manufactured, tested and supplied the equipment similar to the type, size and complexity as specified in the schedule of requirements and model offered should have been in satisfactory operation for at least 12 months as on date of tender opening as per Section-XVI. (Refer 7.1.1 (i) of ITT)	NA	

1	M/s. A.V.Designers	In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer as authorized dealer shall also obtain the detailed qualification criteria of the manufacturer as cited at 1 (a) above and upload the same along with his own Qualification Criteria as stipulated in 1 b (iii). (Refer 7.1.1(m) of ITT) (iii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar [DESKTOP COMPUTER, LED PROJECTOR, SMART BOARD, VISUALIZER FOR SMART BOARD, UPS, MULTIFUNCTIONAL COLOUR PRINTER , PHOTOCOPIER MACHINE & AC UNIT] to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years as per Section XII A, which must be in satisfactory operation for at least 12 months on the date of tender opening.(Refer 7.1.1(j) of ITT).	Yes	Technically Accepted
		2] The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in proforma under Section XII by uploading all the documents.	NO[NOT FURNISHED SUPPLY OF COMPUTER pc]	
		3] Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments		
		5] The average annual financial turnover of the bidder should be, not less than Rs. 150.00 Lakhs in the last 03 financial years 2016-17,2017-18,2018-19 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		PAN Card to be uploaded.	Yes	
		GST Registration Certificate	Yes	
		Income Tax Returns for 3 Financial years for the period 2016-17, 2017-18, 2018-19	Yes	

		Latest GST Payment document		
		Balance sheet for the past three years 2018-17,2017-18,2018-19	Yes	
		Certificate of Incorporation	Yes	
		SSI issued by Industrial Commerce Department Government of Karnataka	Yes	
		Import license [if quoted for import goods]	Yes	
		Manufactuing License	NA	
		Authorisation of Manufacturing	Yes	
		Certificates CE/FDA/AERB/ISO/ISI or any other certificates required as per the tender document	Yes	

2020-21

				Annexure - 1
Name of the item	CNC Milling & CNC Turning			
Tender Ref. No.:GTTC/MCD/TENDER/MACHINERY& EQUIPMENTS/BD-214/2020-21				

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorized Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	

1	M/s. ACE Designers	The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.	Yes	Technically Accepted
		Copies of Orders for having supplied similar commodity to any Government Departments/ Colleges/Institutions/State/India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	

		Manufacturing experience: Minimum 10 years for CNC Machinery & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorized Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments/ Colleges/Institutions/State/India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
2	M/s. Lawrence & Mayo	Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	Technically Accepted

		Manufacturing experience: Minimum 10 years for CNC Machinery & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorized Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
		GST Registration Certificate & PAN Card copy	Yes	

		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments/ Colleges/Institutions/State/India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	No	
3	M/s. MAC Power CNC	Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	Technically Rejected

		Manufacturing experience: Minimum 10 years for CNC Machinery & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	

	Annexure - 2
Name of the item	Conventional Vertical Milling with DRO, Conventional Vertical Milling Machine without DRO Conventional Universal Milling Machine With DRO, Conventional Universal Milling Machine without DRO & Conventional EDM Machine
Tender Ref. No.:GTTC/MCD/TENDER/MACHINERY/BD-218/2020-20	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

1	M/s. HMT	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically Accepted
		Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	

		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	
2	M/s. Accura Tequipment	Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	Technically Accepted
		GST Registration Certificate & PAN card copy	Yes	

		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	

3	M/s. Mac Power CNC	Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	Technically Rejected
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	No	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
4	M/s. J.K.Machines	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically Rejected
		Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	No	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	

	Annexure - 3
Name of the item	TOOL ROOM PRECISION LATHE, SURFACE GRINDING MACHINE, CYLINDRICAL GRINDING MACHINE & TOOL & CUTTER GRINDER
Tender Ref. No.:GTTC/MCD/TENDER/MACHINERY/BD-219/2020-20	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	

1	M/s. HMT	Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	Technically Accepted
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
2	M/s. Accura Tequipment	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically Accepted
		Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	

		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	

3	M/s. Mac Power CNC	Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	Technically Rejected
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	No	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
4	M/s. J.K.Machines	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/item across Karnataka state. Manufacturer & bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded be uploaded)	Yes	Technically Rejected
		Manufacturing experience: Minimum 05 years for Conventional Machines & Equipment for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar [Machinery & Equipments] to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the machinery similar to the type, size and complexity as specified in the schedule of requirements and model (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the tendered quantity similar machines to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance by the supplier is mandatory.	Yes	
		GST Registration Certificate & PAN Card copy	Yes	

		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	No	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	

Annexure - 4

Name of the item	MACHINE ACCESSORIES, WORK HODLING DEVICE, CUTTING TOOLS, HAND TOOLS, MARKING TOOLS , MEASURING INSTRUMENTS, PILLAR DRILLING MACHINE, POWER HACKSAW MACHINE, BENCH GRINDER, PEDESTAL GRINDING MACHINE, AIRCOMPRESSOR, DGSET & MATERAIL HANDLING

Tender Ref. No.:GTTC/MCD/MACH. ACCS & OTHERS/BD-221/2020-20

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).	Yes	

1	M/s. Accura Tequipment	Manufacturing experience: Minimum 05 years for machinery/equipment/items for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model. (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years. The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	Technically Accepted
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.	Yes	

		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
		The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar machinery/equipment/items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).	Yes	

2	M/s. Ravi Teja	Manufacturing experience: Minimum 05 years for machinery/equipment/items for OEM. (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model. (b)In case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years. The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	Technically Accepted
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN.	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs.05.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	

				Annexure - 5
Name of the item		ELECTRICALS, ELECTRONIS & SCIENCE LAB. EQUIPMENTS		
Tender Ref. No.:GTTC/MCD/TENDER/ELEC,ELECT. & SCIENCE LAB. EQUIPMENTS/BD-222/ 2020-20				
Qualfciation Critera				
Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

1	M/s. Accura Tequipment	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded). (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model. (b)in case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years. The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	Technically Accepted
		GST Registration Certificate & PAN Card copy	Yes	
		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	

		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs. 5.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
2	M/s. Ravi Teja	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded). (a)The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar machinery/equipment/items to the type specified in the Schedule of requirements up to at least 80% of the quantity required in any one of the last 3 years(2017-18 to 2019-20). The manufacturer must have manufactured, tested and supplied the similar machinery/equipment/items to the type, size and complexity as specified in the schedule of requirements and model. (b)in case of the tenderer quoting as authorized representative of a manufacturer, meeting with the following requirement in full, can also be considered provided: (i)The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations. (ii)The tenderer, as authorized representative, has supplied, installed and commissioned machinery/equipment/items at least 30% of the tendered quantity similar machinery/equipment/items to the type, size and complexity specified in the Schedule of Requirements in any one of the last three years. The tenderer should uploaded relevant documents of all past supplies. Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	Technically Accepted
		GST Registration Certificate & PAN Card copy	Yes	

		Bidder shall have registered office established in Karnataka, operative from at least 05 years and provide proof issued by any Government entity. The supplier must have service centre in Bangalore / Karnataka.	Yes	
		Income Tax Returns filed for the financial year 2017-18, 2018-19 & 2019-20	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 10.00 crore in the last 03 financial years 2017-18, 2018-19 & 2019-20 and it should be certified by the Chartered Accountant with UDIN	Yes	
		Copies of Orders for having supplied similar commodity to any Government Departments / Colleges / Institutions / State / India for a sum of Rs. 5.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	

	Annexure - 6
Name of the item	UPGRADATION OF MACHINERY AND EQUIPMENTS OF GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS
Tender Ref. No.:GTTC/MCD/TENDER/MACH – EQUIPT/BD-223/2020-21, Dated:07.11.2020	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

1	M/s. Accura Tequipment	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded). a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design. b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.	Yes	Technically Accepted
		All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM.	Yes	
		The tenderer must have an office and a sales and service center located in Karnataka and shall have operated out of such office and such sales and service center for at least the previous 3 (three) years necessary proof to be produced.	Yes	
		The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents. Hands on training for operation and maintenance of items to be provided by the supplier	Yes	
		GST Registration Certificate & PAN Card copy	Yes	

		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	
2	M/s. Lawreance & Mayo	The bidder must be a registered original Manufacturer/Authorized Dealer/Authorised Agent. The bidder shall have with minimum 05 years of experience in supplying of similar equipment / Items across Karnataka state. Bidder shall have ISO Certificate. (relevant registration & ISO certificates shall be uploaded). a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design. b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.	Yes	Technically Accepted
		All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM.	Yes	

		The tenderer must have an office and a sales and service center located in Karnataka and shall have operated out of such office and such sales and service center for at least the previous 3 (three) years necessary proof to be produced.	Yes	
		The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents. Hands on training for operation and maintenance of items to be provided by the supplier	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	

Annexure - 7

Name of the item	UPGRADATION OF MACHINERY, EQUIPMENTS, CUTTING TOOLS & MEASURING INSTRUMENTS TO GTTC BANGALORE SERVICE CENTRE ON TURNKEY BASIS

Tender Ref. GTTC/MCD/UPGRADATE-MACHINES&ACCESSORIES/BD-226/2020-21

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

1	M/s.Accura Tequipment	The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design.	YES	Technically Accepted
		Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer	YES	
		All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM	YES	
		The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced	YES	
		he Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents. Hands on training for operation and maintenance of items to be provided by the supplier	YES	
		GST Registration Certificate & PAN Card copy	YES	
		Income Tax Returns filed for the last three financial years	YES	

		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	YES	
		Bidder should upload the Copies of Orders for having supplied the similar machineries training to any Government Departments / Colleges / Institutions in India for a sum of Rs.5.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	YES	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	YES	
		The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design.	YES	
		Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer	YES	
		All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license/registration issued by OEM	YES	

2	M/s.Lawreance & Mayo	The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced	YES	Technically Accepted
		he Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid documents. Hands on training for operation and maintenance of items to be provided by the supplier	YES	
		GST Registration Certificate & PAN Card copy	YES	
		Income Tax Returns filed for the last three financial years	YES	
		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	YES	
		Bidder should upload the Copies of Orders for having supplied the similar machineries training to any Government Departments / Colleges / Institutions in India for a sum of Rs.5.00 Crore and above in a single order in any one of the previous 3 years 2017-18, 2018-19 & 2019-20.	YES	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	YES	

Annexure - 8

Name of the item	Procurement OF Lab Equipments/Training Kits for :Robotics Lab, Advance Hydraulics & Pneumatics Lab, PLC Lab, Sensor Lab, Industrial IoT and Internet of Things Applications Lab

Tender Ref. GTTC/MCD/TENDER/LAB EQPTS/TRG KITS- ADV COURSES/BD-224/2020-21

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks

		a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design. b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.	Yes	
1	M/s. Accura Tequipment	All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license / registration issued by OEM.	Yes	Technically Accepted
		a) The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced.	Yes	
		b)The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid dcument.	Yes	
		Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	

GST Registration Certificate & PAN Card copy	Yes
Income Tax Returns filed for the last three financial years	Yes
The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	Yes
Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes
a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design. b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.	Yes

2	M/s. Lawreacne & Mayo	All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license / registration issued by OEM.	Yes	Technically Accepted
		a) The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced.	Yes	
		b)The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid dcument.	Yes	
		Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	
		GST Registration Certificate & PAN Card copy	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	

3	M/s. Ravi Teja	a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment(s) similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of most recent series models incorporating the latest improvements in design. b) Tenders of tenderers quoting as authorized representative or authorized regular dealer of a manufacturer can also be considered provided; (i) the manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC; and (ii) The tenderer, as authorized representative, has supplied, installed and commissioned satisfactorily at least 30% of the items similar to the type specified in the schedule of requirements in any one of the last 3 years in which 30% of quantity must have been supplied by the dealer.	Yes	Technically Accepted
		All tenderers that are quoting as authorized representatives of manufacturers shall be required to produce a notarized true copy of the authorizing manufacturers license / registration issued by OEM.	Yes	
		a) The tenderer must have an office and a sales and service centre located in Karnataka and shall have operated out of such office and such sales and service centre for at least the previous 3 (three) years necessary proof to be produced.	Yes	
		b)The Equipments supplied should be of reputed Make only and of industry standards; further, a brochure and a list specifying the make (brand) of the items to be supplied should be provided in the Schedule of Requirements and Price Schedule along with the bid dcument.	Yes	
		Hands on training for operation and maintenance of items to be provided by the supplier.	Yes	

		GST Registration Certificate & PAN Card copy	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the bidder should be, not less than Rs 15.00 crore in the last 03 financial years (50% with respect to Micro and Small Enterprises during previous 2 financial years).	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor / Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments.	Yes	

Annexure - 9

Name of the item	FURNITURE & FIXTURES
Tender Ref.GTTC/MCD/TENDER/FURNITURE& FIXTURES/BD-225/2020-21	

Qualfciation Critera

Sl.No.	Name of the Bidder	Qualification Criteria	Document yes / No.	Remarks
		The bidder must be a registered original manufacturer. The bidder shall have minimum 10 years of experience in supplying of furniture across Karnataka state. Manufacturers should have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).	Yes	
		GST & PAN Certificate	Yes	
		Rs.100 Lakhs Solvency Certificate issued by any nationalised Bank /Scheduled Bank	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the manufacturer should be, not less than Rs.6.00 crores (only from sale of furniture) in the last three financial years - and it should be certified by the Chartered Accountant	Yes	

1	M/s. I.C. India Pvt. Ltd.	The tenderer should be a manufacturer who must have manufactured, and supplied the furnitures & fixtures similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of latest models incorporating the latest improvements in design	Yes	Technically Accepted
		Copies of Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
2	M/s.S.K.Steel Industries	The bidder must be a registered original manufacturer. The bidder shall have minimum 10 years of experience in supplying of furniture across Karnataka state. Manufacturers should have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).	Yes	Technically Accepted
		GST & PAN Certificate	Yes	
		Rs.100 Lakhs Solvency Certificate issued by any nationalised Bank /Scheduled Bank	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the manufacturer should be, not less than Rs.6.00 crores (only from sale of furniture) in the last three financial years - and it should be certified by the Chartered Accountant	Yes	
		The tenderer should be a manufacturer who must have manufactured, and supplied the furnitures & fixtures similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of latest models incorporating the latest improvements in design	Yes	

		Copies of Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	
		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	
3	M/s.Samir Steel Industries	The bidder must be a registered original manufacturer. The bidder shall have minimum 10 years of experience in supplying of furniture across Karnataka state. Manufacturers should have ISO Certificate. (relevant registration & ISO certificates shall be uploaded).	No	Technically Rejected
		GST & PAN Certificate	Yes	
		Rs.100 Lakhs Solvency Certificate issued by any nationalised Bank /Scheduled Bank	Yes	
		Income Tax Returns filed for the last three financial years	Yes	
		The average annual financial turnover of the manufacturer should be, not less than Rs.6.00 crores (only from sale of furniture) in the last three financial years - and it should be certified by the Chartered Accountant	Yes	
		The tenderer should be a manufacturer who must have manufactured, and supplied the furnitures & fixtures similar to the type specified in the Schedule of Requirements upto at least 80 % (40% with respect to Micro and Small Enterprises) of the quantity required, in any one of the last 3 years (in any one of the last 2 years for Micro and Small Enterprises). The equipment offered for supply must be of latest models incorporating the latest improvements in design	Yes	
		Copies of Satisfactory supply completion certificate from the organisations where such supplies were made should be uploaded	Yes	

		Affidavit for not having Blacklisted earlier by the Firm / Company represented by its Proprietor /Partners / Directors / Chairman / Managing Director / Office Bearers in the Business Transactions of any Government / Semi-Government / Government Undertaking / Public Sector Organizations / any other Departments	Yes	